

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022120\
 Data File : VD065275.D
 Acq On : 21 Feb 2020 15:05
 Operator : VA/SY
 Sample : L1635-03MSD
 Misc : 6.19G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUNR-TS001-01MSD

Manual Integrations
 APPROVED

MMDadoda
 2/24/2020 11:08:51 AM

Quant Time: Feb 22 02:51:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	410140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	594722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	439337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	129268	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	196019	53.13	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.26%	
35) Dibromofluoromethane	7.92	113	208498	57.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	115.00%	
50) Toluene-d8	10.34	98	736555	53.13	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.26%	
62) 4-Bromofluorobenzene	12.64	95	160286	36.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	73.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	187705	54.565	ug/l	98
3) Chloromethane	2.21	50	223726	51.096	ug/l	100
4) Vinyl Chloride	2.35	62	226219	50.809	ug/l	99
5) Bromomethane	2.77	94	136310	50.635	ug/l	96
6) Chloroethane	2.93	64	136504	50.227	ug/l	99
7) Trichlorofluoromethane	3.27	101	306906	48.147	ug/l	98
8) Diethyl Ether	3.71	74	93714	48.705	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	183690	45.632	ug/l	98
10) Methyl Iodide	4.30	142	236233	56.521	ug/l	99
11) Tert butyl alcohol	5.26	59	40882	185.423	ug/l #	72
12) 1,1-Dichloroethene	4.06	96	189151	49.742	ug/l	99
13) Acrolein	3.93	56	46598	162.275	ug/l	93
14) Allyl chloride	4.71	41	315394	51.075	ug/l	98
15) Acrylonitrile	5.43	53	186345	218.747	ug/l	99
16) Acetone	4.17	43	127817	141.715	ug/l	97
17) Carbon Disulfide	4.40	76	596800	46.813	ug/l	100
18) Methyl Acetate	4.73	43	283636	139.824	ug/l	99
19) Methyl tert-butyl Ether	5.49	73	386752	48.772	ug/l	98
20) Methylene Chloride	4.97	84	240504	60.903	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	212701	49.204	ug/l	96
22) Diisopropyl ether	6.37	45	608838	51.145	ug/l	96
23) Vinyl Acetate	6.31	43	240052	36.578	ug/l	98
24) 1,1-Dichloroethane	6.27	63	370029	50.114	ug/l	98
25) 2-Butanone	7.22	43	209838	183.884	ug/l	99
26) 2,2-Dichloropropane	7.21	77	312831	48.831	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	223838	48.884	ug/l	100
28) Bromochloromethane	7.56	49	140347	51.234	ug/l	100
29) Tetrahydrofuran	7.57	42	146681	219.378	ug/l	99
30) Chloroform	7.71	83	361843	48.642	ug/l	97
31) Cyclohexane	7.99	56	278607	38.403	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	321056	48.238	ug/l	99
36) 1,1-Dichloropropene	8.11	75	260546	45.025	ug/l	100
37) Ethyl Acetate	7.30	43	82760	34.211	ug/l	98
38) Carbon Tetrachloride	8.10	117	274007	46.515	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022120\
 Data File : VD065275.D
 Acq On : 21 Feb 2020 15:05
 Operator : VA/SY
 Sample : L1635-03MSD
 Misc : 6.19G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUNR-TS001-01MSD

Manual Integrations
 APPROVED

MMDadoda
 2/24/2020 11:08:51 AM

Quant Time: Feb 22 02:51:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	205765	30.246	ug/l	99
40) Benzene	8.36	78	814239	49.851	ug/l	95
41) Methacrylonitrile	7.54	41	58819	42.111	ug/l	99
42) 1,2-Dichloroethane	8.43	62	216533	48.222	ug/l	99
43) Isopropyl Acetate	8.46	43	165770	37.683	ug/l	95
44) Trichloroethene	9.11	130	204688	45.209	ug/l	98
45) 1,2-Dichloropropane	9.39	63	203013	49.985	ug/l	99
46) Dibromomethane	9.48	93	98008	46.901	ug/l	100
47) Bromodichloromethane	9.67	83	262767	47.714	ug/l	99
48) Methyl methacrylate	9.46	41	120906	59.461	ug/l	98
49) 1,4-Dioxane	9.47	88	22361	912.360	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	494999	221.542	ug/l	100
52) Toluene	10.41	92	466200	46.112	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	229866	45.031	ug/l	96
54) cis-1,3-Dichloropropene	10.10	75	289258	46.927	ug/l	99
55) 1,1,2-Trichloroethane	10.81	97	135236	45.979	ug/l	97
56) Ethyl methacrylate	10.67	69	111643	32.886	ug/l	99
57) 1,3-Dichloropropane	10.95	76	232196	46.384	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	228780	213.753	ug/l	100
59) 2-Hexanone	10.99	43	318139	198.908	ug/l	97
60) Dibromochloromethane	11.14	129	165516	43.967	ug/l	100
61) 1,2-Dibromoethane	11.25	107	123343	44.291	ug/l	97
64) Tetrachloroethene	10.88	164	138604	44.482	ug/l	95
65) Chlorobenzene	11.67	112	410974	46.615	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	179805	54.651	ug/l	98
67) Ethyl Benzene	11.75	91	729983	47.276	ug/l	99
68) m/p-Xylenes	11.86	106	547415	92.663	ug/l	99
69) o-Xylene	12.18	106	257892	49.274	ug/l	99
70) Styrene	12.20	104	402854	43.353	ug/l	98
71) Bromoform	12.37	173	88941	48.717	ug/l #	97
73) Isopropylbenzene	12.48	105	598163	69.894	ug/l	98
74) N-amyl acetate	12.30	43	60165	31.638	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.74	83	124514	80.615	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	84315m	76.660	ug/l	
77) Bromobenzene	12.77	156	142179	66.903	ug/l	96
78) n-propylbenzene	12.83	91	597100	58.058	ug/l	100
79) 2-Chlorotoluene	12.91	91	348863	60.551	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	447624	63.504	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	39701	77.939	ug/l	96
82) 4-Chlorotoluene	13.01	91	339725	55.542	ug/l	99
83) tert-Butylbenzene	13.23	119	384484	65.082	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	432477	61.299	ug/l	100
85) sec-Butylbenzene	13.41	105	420670	49.417	ug/l	100
86) p-Isopropyltoluene	13.53	119	371136	47.674	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	181559	44.193	ug/l	96
88) 1,4-Dichlorobenzene	13.60	146	183278	45.201	ug/l	98
89) n-Butylbenzene	13.86	91	231078	32.212	ug/l	100
90) Hexachloroethane	14.12	117	92908	58.777	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	167241	47.410	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	16089	67.594	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022120\
 Data File : VD065275.D
 Acq On : 21 Feb 2020 15:05
 Operator : VA/SY
 Sample : L1635-03MSD
 Misc : 6.19G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUNR-TS001-01MSD

Manual Integrations
 APPROVED

MMDadoda
 2/24/2020 11:08:51 AM

Quant Time: Feb 22 02:51:33 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	52614	22.802	ug/l	99
94) Hexachlorobutadiene	15.28	225	35027	23.664	ug/l	98
95) Naphthalene	15.41	128	114072	30.410	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	41905	20.794	ug/l	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022120\
Data File : VD065275.D
Acq On : 21 Feb 2020 15:05
Operator : VA/SY
Sample : L1635-03MSD
Misc : 6.19G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DUNR-TS001-01MSD

Manual Integrations
APPROVED

MMDadoda
2/24/2020 11:08:51 AM

Quant Time: Feb 22 02:51:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration

