

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012920\
 Data File : VD064991.D
 Acq On : 29 Jan 2020 12:28
 Operator : VA/SY
 Sample : VD0129SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0129SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/30/2020 10:27:13 AM

Quant Time: Jan 29 17:13:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	466526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	699007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	601058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	292573	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	233156	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
35) Dibromofluoromethane	7.92	113	222876	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
50) Toluene-d8	10.34	98	879461	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
62) 4-Bromofluorobenzene	12.64	95	269314	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	75172	21.389	ug/l	99
3) Chloromethane	2.21	50	109176	21.195	ug/l	96
4) Vinyl Chloride	2.35	62	122814	20.759	ug/l	99
5) Bromomethane	2.76	94	83181	20.901	ug/l	98
6) Chloroethane	2.92	64	82311	21.103	ug/l	99
7) Trichlorofluoromethane	3.27	101	195344	21.379	ug/l	97
8) Diethyl Ether	3.71	74	43547	21.112	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	93667	22.034	ug/l	99
10) Methyl Iodide	4.29	142	96887	21.472	ug/l	99
11) Tert butyl alcohol	5.25	59	27632	111.739	ug/l	96
12) 1,1-Dichloroethene	4.06	96	88727	21.849	ug/l	96
13) Acrolein	3.93	56	25947	83.698	ug/l	99
14) Allyl chloride	4.71	41	138882	21.443	ug/l	99
15) Acrylonitrile	5.43	53	94067	105.312	ug/l	99
16) Acetone	4.17	43	96466	90.392	ug/l #	86
17) Carbon Disulfide	4.40	76	278348	20.826	ug/l	98
18) Methyl Acetate	4.72	43	46715	22.289	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	194725	21.460	ug/l	100
20) Methylene Chloride	4.97	84	125180	25.650	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	103703	22.165	ug/l	98
22) Diisopropyl ether	6.37	45	278892	21.606	ug/l	97
23) Vinyl Acetate	6.31	43	784888	103.856	ug/l	99
24) 1,1-Dichloroethane	6.27	63	174571	22.027	ug/l	96
25) 2-Butanone	7.22	43	122328	101.182	ug/l	98
26) 2,2-Dichloropropane	7.21	77	160148	22.278	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	106717	21.370	ug/l	97
28) Bromochloromethane	7.56	49	56744	17.903	ug/l	98
29) Tetrahydrofuran	7.57	42	76875	103.057	ug/l	98
30) Chloroform	7.71	83	178750	21.819	ug/l	97
31) Cyclohexane	7.98	56	162525	20.846	ug/l	97
32) 1,1,1-Trichloroethane	7.91	97	164914	21.638	ug/l	97
36) 1,1-Dichloropropene	8.11	75	141987	21.065	ug/l	99
37) Ethyl Acetate	7.30	43	55363	19.885	ug/l	96
38) Carbon Tetrachloride	8.10	117	150717	21.155	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012920\
 Data File : VD064991.D
 Acq On : 29 Jan 2020 12:28
 Operator : VA/SY
 Sample : VD0129SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0129SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/30/2020 10:27:13 AM

Quant Time: Jan 29 17:13:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	168131	21.336	ug/l	96
40) Benzene	8.36	78	392022	21.117	ug/l	100
41) Methacrylonitrile	7.54	41	30508	20.341	ug/l	91
42) 1,2-Dichloroethane	8.43	62	113314	20.491	ug/l	96
43) Isopropyl Acetate	8.46	43	105356	19.921	ug/l	99
44) Trichloroethene	9.12	130	109422	21.061	ug/l	94
45) 1,2-Dichloropropane	9.39	63	92190	20.485	ug/l	100
46) Dibromomethane	9.48	93	51392	20.917	ug/l	96
47) Bromodichloromethane	9.67	83	137574	21.518	ug/l	99
48) Methyl methacrylate	9.46	41	48347	19.865	ug/l	94
49) 1,4-Dioxane	9.47	88	11308	396.830	ug/l #	83
51) 4-Methyl-2-Pentanone	10.23	43	267780	101.193	ug/l	99
52) Toluene	10.41	92	253827	21.208	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	124135	20.383	ug/l	99
54) cis-1,3-Dichloropropene	10.10	75	150906	21.164	ug/l	94
55) 1,1,2-Trichloroethane	10.81	97	67549	20.410	ug/l	97
56) Ethyl methacrylate	10.67	69	80273	20.283	ug/l	97
57) 1,3-Dichloropropane	10.96	76	121222	21.355	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.95	63	129306	98.344	ug/l	99
59) 2-Hexanone	10.99	43	179852	98.533	ug/l	98
60) Dibromochloromethane	11.14	129	90679	20.500	ug/l	97
61) 1,2-Dibromoethane	11.25	107	65267	20.481	ug/l	99
64) Tetrachloroethene	10.88	164	93947	21.630	ug/l	100
65) Chlorobenzene	11.68	112	264438	21.669	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	99309	21.638	ug/l	99
67) Ethyl Benzene	11.75	91	474802	21.915	ug/l	99
68) m/p-Xylenes	11.86	106	361645	43.353	ug/l	100
69) o-Xylene	12.18	106	159455	21.538	ug/l	100
70) Styrene	12.20	104	284884	21.601	ug/l	100
71) Bromoform	12.37	173	53265	20.878	ug/l #	99
73) Isopropylbenzene	12.48	105	441145	22.060	ug/l	100
74) N-amyl acetate	12.30	43	91396	20.425	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	71775	21.356	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	60710m	25.000	ug/l	
77) Bromobenzene	12.77	156	108157	22.105	ug/l	99
78) n-propylbenzene	12.83	91	524831	22.069	ug/l	100
79) 2-Chlorotoluene	12.91	91	286731	21.978	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	364994	22.273	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	22919	20.152	ug/l	97
82) 4-Chlorotoluene	13.01	91	306541	22.156	ug/l	99
83) tert-Butylbenzene	13.23	119	307871	22.138	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	370592	22.324	ug/l	99
85) sec-Butylbenzene	13.41	105	430290	21.852	ug/l	99
86) p-Isopropyltoluene	13.53	119	401708	21.801	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	203706	21.699	ug/l	98
88) 1,4-Dichlorobenzene	13.61	146	199891	21.453	ug/l	98
89) n-Butylbenzene	13.86	91	366020	21.767	ug/l	99
90) Hexachloroethane	14.12	117	77355	21.770	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	173773	21.804	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	12421	23.094	ug/l	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012920\
Data File : VD064991.D
Acq On : 29 Jan 2020 12:28
Operator : VA/SY
Sample : VD0129SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0129SBSD01

Manual Integrations
APPROVED

MMDadoda
1/30/2020 10:27:13 AM

Quant Time: Jan 29 17:13:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	121601	22.054	ug/l	99
94) Hexachlorobutadiene	15.28	225	76343	21.890	ug/l	96
95) Naphthalene	15.42	128	186072	20.911	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	102477	21.436	ug/l	99

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

