

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070720\
 Data File : VD065929.D
 Acq On : 07 Jul 2020 19:05
 Operator : VA/SY
 Sample : VD0707SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0707SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 12:05:20 PM

Quant Time: Jul 08 10:05:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	407683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	629254	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	593399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	295842	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	168792	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	
35) Dibromofluoromethane	7.91	113	182739	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
50) Toluene-d8	10.34	98	649141	45.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.66%	
62) 4-Bromofluorobenzene	12.63	95	232616	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	79585	21.959	ug/l	96
3) Chloromethane	2.21	50	75123	20.909	ug/l	93
4) Vinyl Chloride	2.35	62	65480	19.849	ug/l	98
5) Bromomethane	2.76	94	41266	19.748	ug/l	87
6) Chloroethane	2.92	64	38044	19.292	ug/l	98
7) Trichlorofluoromethane	3.27	101	143696	20.323	ug/l	99
8) Diethyl Ether	3.71	74	42653	21.989	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.08	101	83524	19.749	ug/l	96
10) Methyl Iodide	4.30	142	80946	19.771	ug/l	100
11) Tert butyl alcohol	5.21	59	35052	144.595	ug/l #	85
12) 1,1-Dichloroethene	4.06	96	80327	20.331	ug/l	86
13) Acrolein	3.93	56	25261	125.434	ug/l	95
14) Allyl chloride	4.71	41	134484	20.085	ug/l	99
15) Acrylonitrile	5.43	53	95620	112.591	ug/l	99
16) Acetone	4.16	43	78572	92.794	ug/l #	88
17) Carbon Disulfide	4.40	76	256939	20.410	ug/l	99
18) Methyl Acetate	4.71	43	42657	21.492	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	185929	22.228	ug/l	99
20) Methylene Chloride	4.96	84	124691	21.810	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	92597	20.830	ug/l	98
22) Diisopropyl ether	6.37	45	274804	21.840	ug/l	97
23) Vinyl Acetate	6.30	43	793244	110.445	ug/l	100
24) 1,1-Dichloroethane	6.26	63	158184	21.083	ug/l	99
25) 2-Butanone	7.21	43	122541	109.521	ug/l	96
26) 2,2-Dichloropropane	7.20	77	131150	19.981	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	102836	21.531	ug/l	98
28) Bromochloromethane	7.55	49	64712	22.831	ug/l	99
29) Tetrahydrofuran	7.56	42	79175	111.283	ug/l	99
30) Chloroform	7.71	83	159969	21.031	ug/l	97
31) Cyclohexane	7.98	56	146400	19.831	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	141741	20.419	ug/l	100
36) 1,1-Dichloropropene	8.11	75	122329	19.684	ug/l	99
37) Ethyl Acetate	7.30	43	54907	21.086	ug/l	96
38) Carbon Tetrachloride	8.10	117	129442	19.432	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070720\
 Data File : VD065929.D
 Acq On : 07 Jul 2020 19:05
 Operator : VA/SY
 Sample : VD0707SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0707SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 12:05:20 PM

Quant Time: Jul 08 10:05:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	151397	19.842	ug/l	97
40) Benzene	8.35	78	355293	20.694	ug/l	98
41) Methacrylonitrile	7.53	41	27087m	17.916	ug/l	
42) 1,2-Dichloroethane	8.43	62	102684	21.111	ug/l	99
43) Isopropyl Acetate	8.45	43	106260	21.923	ug/l	98
44) Trichloroethene	9.11	130	104000	20.616	ug/l	98
45) 1,2-Dichloropropane	9.39	63	87116	20.443	ug/l	99
46) Dibromomethane	9.47	93	47518	21.418	ug/l	98
47) Bromodichloromethane	9.67	83	126884	21.321	ug/l	100
48) Methyl methacrylate	9.46	41	54663	22.402	ug/l	97
49) 1,4-Dioxane	9.46	88	11897	451.313	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	264998	108.141	ug/l	99
52) Toluene	10.40	92	228938	20.959	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	118233	21.129	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	144360	21.350	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	65996	21.590	ug/l	98
56) Ethyl methacrylate	10.66	69	82803	22.179	ug/l	99
57) 1,3-Dichloropropane	10.95	76	116043	21.708	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	200968	111.148	ug/l	100
59) 2-Hexanone	10.98	43	183901	109.122	ug/l	97
60) Dibromochloromethane	11.14	129	88750	21.251	ug/l	99
61) 1,2-Dibromoethane	11.25	107	65754	21.575	ug/l	99
64) Tetrachloroethene	10.87	164	87517	20.280	ug/l	96
65) Chlorobenzene	11.67	112	247559	20.702	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	95094	21.261	ug/l	97
67) Ethyl Benzene	11.75	91	427344	20.116	ug/l	98
68) m/p-Xylenes	11.86	106	332983	41.256	ug/l	99
69) o-Xylene	12.18	106	152583	20.753	ug/l	96
70) Styrene	12.20	104	268090	21.123	ug/l	99
71) Bromoform	12.36	173	54364	21.481	ug/l #	99
73) Isopropylbenzene	12.48	105	414984	20.099	ug/l	99
74) N-amyl acetate	12.29	43	93456	20.171	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	69783	20.358	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	50356m	20.291	ug/l	
77) Bromobenzene	12.76	156	102656	20.499	ug/l	98
78) n-propylbenzene	12.83	91	482943	19.951	ug/l	100
79) 2-Chlorotoluene	12.91	91	273807	19.939	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	345648	20.467	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	24878	21.540	ug/l	95
82) 4-Chlorotoluene	13.01	91	295033	20.477	ug/l	99
83) tert-Butylbenzene	13.23	119	289091	20.093	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	340983	20.284	ug/l	100
85) sec-Butylbenzene	13.40	105	410491	20.132	ug/l	99
86) p-Isopropyltoluene	13.52	119	377220	20.226	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	192415	20.534	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	186987	20.002	ug/l	98
89) n-Butylbenzene	13.85	91	343969	19.640	ug/l	99
90) Hexachloroethane	14.11	117	74940	19.926	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	168575	20.583	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	13277	23.164	ug/l	91

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070720\
Data File : VD065929.D
Acq On : 07 Jul 2020 19:05
Operator : VA/SY
Sample : VD0707SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0707SBSD01

Manual Integrations
APPROVED

MMDadoda
7/8/2020 12:05:20 PM

Quant Time: Jul 08 10:05:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 08 09:45:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	119293	20.437	ug/l	98
94) Hexachlorobutadiene	15.27	225	68918	19.519	ug/l	96
95) Naphthalene	15.41	128	207857	21.232	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	104412	20.738	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070720\
Data File : VD065929.D
Acq On : 07 Jul 2020 19:05
Operator : VA/SY
Sample : VD0707SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

Manual Integrations
APPROVED

MMDadoda
7/8/2020 12:05:20 PM

Quant Time: Jul 08 10:05:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 08 09:45:47 2020
Response via : Initial Calibration

