

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102519\
 Data File : VD064064.D
 Acq On : 25 Oct 2019 14:40
 Operator : VA/SY
 Sample : VD1025SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1025SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/28/2019 12:39:27 PM

Quant Time: Oct 26 00:35:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	144380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	225910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	225487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	126741	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	67700	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
35) Dibromofluoromethane	7.91	113	69912	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
50) Toluene-d8	10.34	98	292166	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
62) 4-Bromofluorobenzene	12.64	95	98233	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	21127	20.634	ug/l	89
3) Chloromethane	2.21	50	65897	21.312	ug/l	94
4) Vinyl Chloride	2.35	62	79950	24.159	ug/l	100
5) Bromomethane	2.76	94	53197	25.004	ug/l	98
6) Chloroethane	2.92	64	50366	23.013	ug/l	95
7) Trichlorofluoromethane	3.27	101	111526	25.489	ug/l	90
8) Diethyl Ether	3.71	74	12940	18.426	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.09	101	27242	22.493	ug/l	92
10) Methyl Iodide	4.30	142	30095	18.033	ug/l	98
11) Tert butyl alcohol	5.23	59	8990m	86.826	ug/l	
12) 1,1-Dichloroethene	4.06	96	24528	20.271	ug/l	86
13) Acrolein	3.93	56	9302	74.094	ug/l	99
14) Allyl chloride	4.71	41	42262	21.008	ug/l	97
15) Acrylonitrile	5.43	53	34143	110.272	ug/l	98
16) Acetone	4.16	43	32590	89.052	ug/l	99
17) Carbon Disulfide	4.40	76	79208	18.008	ug/l	96
18) Methyl Acetate	4.72	43	17896	25.002	ug/l	93
19) Methyl tert-butyl Ether	5.49	73	58557	18.688	ug/l	96
20) Methylene Chloride	4.97	84	38193	21.824	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	30781	20.434	ug/l	86
22) Diisopropyl ether	6.37	45	90175	21.948	ug/l	90
23) Vinyl Acetate	6.31	43	257989	105.553	ug/l	95
24) 1,1-Dichloroethane	6.26	63	56899	22.483	ug/l	96
25) 2-Butanone	7.23	43	45126	104.046	ug/l	97
26) 2,2-Dichloropropane	7.21	77	45246	19.764	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	34814	20.419	ug/l	98
28) Bromochloromethane	7.55	49	19071	20.946	ug/l	92
29) Tetrahydrofuran	7.57	42	26312	103.939	ug/l	96
30) Chloroform	7.71	83	58142	21.153	ug/l	92
31) Cyclohexane	7.98	56	52058	22.701	ug/l	# 93
32) 1,1,1-Trichloroethane	7.90	97	51227	21.726	ug/l	95
36) 1,1-Dichloropropene	8.11	75	47192	22.847	ug/l	96
37) Ethyl Acetate	7.30	43	18812	20.348	ug/l	95
38) Carbon Tetrachloride	8.10	117	43825	20.996	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102519\
 Data File : VD064064.D
 Acq On : 25 Oct 2019 14:40
 Operator : VA/SY
 Sample : VD1025SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD1025SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/28/2019 12:39:27 PM

Quant Time: Oct 26 00:35:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	55470	21.841	ug/l	98
40) Benzene	8.36	78	131161	22.158	ug/l	99
41) Methacrylonitrile	7.53	41	11304	23.605	ug/l #	80
42) 1,2-Dichloroethane	8.43	62	37284	21.775	ug/l	100
43) Isopropyl Acetate	8.46	43	36458	21.047	ug/l	96
44) Trichloroethene	9.11	130	38475	22.541	ug/l	95
45) 1,2-Dichloropropane	9.39	63	32634	22.524	ug/l	98
46) Dibromomethane	9.48	93	18468	22.382	ug/l	95
47) Bromodichloromethane	9.67	83	44118	20.767	ug/l	95
48) Methyl methacrylate	9.46	41	15476	18.646	ug/l	94
49) 1,4-Dioxane	9.47	88	4532	402.383	ug/l	94
51) 4-Methyl-2-Pentanone	10.24	43	94806	105.530	ug/l	97
52) Toluene	10.41	92	91246	22.455	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	43402	20.937	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	50268	21.066	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	26314	22.586	ug/l	95
56) Ethyl methacrylate	10.67	69	29350	19.894	ug/l	98
57) 1,3-Dichloropropane	10.95	76	44494	22.321	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.95	63	66063	104.173	ug/l	98
59) 2-Hexanone	10.99	43	68153	104.873	ug/l	96
60) Dibromochloromethane	11.14	129	32143	21.192	ug/l	100
61) 1,2-Dibromoethane	11.25	107	26287	23.274	ug/l	94
64) Tetrachloroethene	10.88	164	33485	21.753	ug/l	96
65) Chlorobenzene	11.67	112	101896	22.502	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	34748	20.825	ug/l	95
67) Ethyl Benzene	11.75	91	178454	21.855	ug/l	98
68) m/p-Xylenes	11.86	106	141909	45.026	ug/l	98
69) o-Xylene	12.18	106	64982	21.532	ug/l	98
70) Styrene	12.20	104	110810	21.690	ug/l	98
71) Bromoform	12.36	173	19679	21.976	ug/l #	99
73) Isopropylbenzene	12.48	105	176946	20.768	ug/l	99
74) N-amyl acetate	12.29	43	33875	18.466	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	31877	21.500	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	22192m	26.143	ug/l	
77) Bromobenzene	12.76	156	43165	20.335	ug/l	97
78) n-propylbenzene	12.83	91	219563	21.954	ug/l	99
79) 2-Chlorotoluene	12.91	91	116406	21.109	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	154083	21.677	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	9050	18.866	ug/l	91
82) 4-Chlorotoluene	13.01	91	125680	21.485	ug/l	99
83) tert-Butylbenzene	13.23	119	129324	20.443	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	149881	20.453	ug/l	99
85) sec-Butylbenzene	13.41	105	187627	21.962	ug/l	100
86) p-Isopropyltoluene	13.52	119	169424	20.958	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	87789	20.931	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	88322	21.345	ug/l	98
89) n-Butylbenzene	13.85	91	164643	21.880	ug/l	98
90) Hexachloroethane	14.11	117	30970	21.300	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	76630	21.200	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	4311	17.097	ug/l	79

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102519\
Data File : VD064064.D
Acq On : 25 Oct 2019 14:40
Operator : VA/SY
Sample : VD1025SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1025SBSD01

Manual Integrations
APPROVED

MMDadoda
10/28/2019 12:39:27 PM

Quant Time: Oct 26 00:35:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 05 03:51:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	54409	19.508	ug/l	99
94) Hexachlorobutadiene	15.27	225	30709	19.953	ug/l	94
95) Naphthalene	15.40	128	90207	19.243	ug/l	97
96) 1,2,3-Trichlorobenzene	15.60	180	47620	19.789	ug/l	96

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102519\
 Data File : VD064064.D
 Acq On : 25 Oct 2019 14:40
 Operator : VA/SY
 Sample : VD1025SBSD01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1025SBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/28/2019 12:39:27 PM

Quant Time: Oct 26 00:35:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

