

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042419\
 Data File : VD061991.D
 Acq On : 24 Apr 2019 12:04
 Operator : VA/AP
 Sample : VD0424SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0424SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/26/2019 9:20:38 AM

Quant Time: Apr 25 09:22:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	598963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	905835	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	762575	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	343305	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	255054	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	
35) Dibromofluoromethane	6.93	113	371914	59.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.74%	
50) Toluene-d8	10.42	98	890933	59.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.54%	
62) 4-Bromofluorobenzene	13.56	95	331651	55.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	92713	17.335	ug/l	99
3) Chloromethane	1.75	50	83659	18.404	ug/l #	88
4) Vinyl Chloride	1.84	62	77929	18.915	ug/l	99
5) Bromomethane	2.15	94	19190	15.206	ug/l	87
6) Chloroethane	2.26	64	27215	18.274	ug/l	89
7) Trichlorofluoromethane	2.52	101	118452	19.015	ug/l	95
8) Diethyl Ether	2.88	74	31806	19.050	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.15	101	121978	21.256	ug/l	95
10) Methyl Iodide	3.31	142	119541	17.617	ug/l	98
11) Tert butyl alcohol	4.06	59	25107	94.792	ug/l	95
12) 1,1-Dichloroethene	3.12	96	99749	20.431	ug/l	97
13) Acrolein	3.04	56	28964	105.395	ug/l	99
14) Allyl chloride	3.62	41	128844	19.327	ug/l	96
15) Acrylonitrile	4.20	53	74613	90.973	ug/l	93
16) Acetone	3.22	43	103839	92.770	ug/l	98
17) Carbon Disulfide	3.38	76	264847	18.773	ug/l	100
18) Methyl Acetate	3.64	43	42028	19.380	ug/l	97
19) Methyl tert-butyl Ether	4.24	73	174964	18.062	ug/l	96
20) Methylene Chloride	3.81	84	132026	22.473	ug/l	97
21) trans-1,2-Dichloroethene	4.22	96	100775	17.993	ug/l	98
22) Diisopropyl ether	5.12	45	293408	18.851	ug/l	99
23) Vinyl Acetate	5.06	43	778215	96.010	ug/l	99
24) 1,1-Dichloroethane	4.99	63	187801	19.963	ug/l	97
25) 2-Butanone	6.08	43	134107	98.820	ug/l	94
26) 2,2-Dichloropropane	6.03	77	170388	20.761	ug/l	98
27) cis-1,2-Dichloroethene	6.05	96	129996	20.403	ug/l	94
28) Bromochloromethane	6.44	49	75188	20.888	ug/l	98
29) Tetrahydrofuran	6.46	42	64232	96.059	ug/l	100
30) Chloroform	6.68	83	217612	20.366	ug/l	98
31) Cyclohexane	6.96	56	138824	19.881	ug/l	97
32) 1,1,1-Trichloroethane	6.88	97	192846	20.743	ug/l	96
36) 1,1-Dichloropropene	7.16	75	152074	21.548	ug/l	98
37) Ethyl Acetate	6.19	43	64815	21.552	ug/l #	92
38) Carbon Tetrachloride	7.12	117	194096m	21.704	ug/l	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042419\
 Data File : VD061991.D
 Acq On : 24 Apr 2019 12:04
 Operator : VA/AP
 Sample : VD0424SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0424SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/26/2019 9:20:38 AM

Quant Time: Apr 25 09:22:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	154877	22.243	ug/l	97
40) Benzene	7.47	78	384061	21.982	ug/l	98
41) Methacrylonitrile	6.45	41	74779	21.311	ug/l	97
42) 1,2-Dichloroethane	7.58	62	125266	21.116	ug/l	98
43) Isopropyl Acetate	9.25	43	87663	19.949	ug/l	95
44) Trichloroethene	8.55	130	148786	21.966	ug/l	96
45) 1,2-Dichloropropane	8.95	63	86715	19.564	ug/l	99
46) Dibromomethane	9.07	93	72675	22.787	ug/l	97
47) Bromodichloromethane	9.39	83	160320	21.274	ug/l	99
48) Methyl methacrylate	9.13	41	55036	21.952	ug/l	97
49) 1,4-Dioxane	9.09	88	12052	445.870	ug/l #	83
51) 4-Methyl-2-Pentanone	10.31	43	288720	107.437	ug/l	99
52) Toluene	10.52	92	252227	22.641	ug/l	97
53) t-1,3-Dichloropropene	10.92	75	140103	22.149	ug/l	99
54) cis-1,3-Dichloropropene	10.05	75	169851	22.077	ug/l	98
55) 1,1,2-Trichloroethane	11.20	97	81173	21.704	ug/l	96
56) Ethyl methacrylate	11.05	69	87195	21.050	ug/l	96
57) 1,3-Dichloropropane	11.41	76	114864	19.885	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.87	63	238470	123.826	ug/l	98
59) 2-Hexanone	11.54	43	204506	101.447	ug/l	100
60) Dibromochloromethane	11.70	129	131828	21.303	ug/l	98
61) 1,2-Dibromoethane	11.82	107	93543	21.084	ug/l	94
64) Tetrachloroethene	11.27	164	107723	19.802	ug/l	95
65) Chlorobenzene	12.41	112	266581	18.500	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.53	131	124731	20.406	ug/l	96
67) Ethyl Benzene	12.54	91	475327	20.210	ug/l	99
68) m/p-Xylenes	12.67	106	358919	42.223	ug/l	97
69) o-Xylene	13.06	106	166358	21.389	ug/l	96
70) Styrene	13.08	104	282226	21.015	ug/l	99
71) Bromoform	13.24	173	67926	19.492	ug/l #	99
73) Isopropylbenzene	13.41	105	481648	21.032	ug/l	100
74) N-amyl acetate	13.27	43	113757	19.288	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.71	83	93342	20.799	ug/l	99
76) 1,2,3-Trichloropropane	13.74	75	85524	19.618	ug/l	98
77) Bromobenzene	13.68	156	142028	21.619	ug/l	96
78) n-propylbenzene	13.78	91	576556	21.993	ug/l	96
79) 2-Chlorotoluene	13.85	91	291980	18.387	ug/l	95
80) 1,3,5-Trimethylbenzene	13.94	105	371579	20.349	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.48	75	25907	19.610	ug/l	92
82) 4-Chlorotoluene	13.95	91	342609	19.591	ug/l	94
83) tert-Butylbenzene	14.20	119	447095	21.136	ug/l	95
84) 1,2,4-Trimethylbenzene	14.25	105	390980	22.424	ug/l	100
85) sec-Butylbenzene	14.38	105	431058	18.859	ug/l	99
86) p-Isopropyltoluene	14.49	119	420129	20.538	ug/l	98
87) 1,3-Dichlorobenzene	14.47	146	238164	20.702	ug/l	96
88) 1,4-Dichlorobenzene	14.54	146	230856	21.457	ug/l	97
89) n-Butylbenzene	14.81	91	423554	23.063	ug/l	97
90) Hexachloroethane	15.02	117	121847	22.028	ug/l	89
91) 1,2-Dichlorobenzene	14.82	146	217096	22.877	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.39	75	11956	19.718	ug/l	75

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042419\
Data File : VD061991.D
Acq On : 24 Apr 2019 12:04
Operator : VA/AP
Sample : VD0424SBS01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

Manual Integrations
APPROVED

MMDadoda
4/26/2019 9:20:38 AM

Quant Time: Apr 25 09:22:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	119669	23.371	ug/l	99
94) Hexachlorobutadiene	16.04	225	91279	24.089	ug/l	98
95) Naphthalene	16.13	128	192071	23.232	ug/l	99
96) 1,2,3-Trichlorobenzene	16.28	180	76341	26.277	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD042419\
Data File : VD061991.D
Acq On : 24 Apr 2019 12:04
Operator : VA/AP
Sample : VD0424SBS01
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0424SBS01

Manual Integrations
APPROVED

MMDadoda
4/26/2019 9:20:38 AM

Quant Time: Apr 25 09:22:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration

