

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041519\
 Data File : VD061801.D
 Acq On : 15 Apr 2019 15:04
 Operator : VA/AP
 Sample : VSTDICC100
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 4/16/2019 3:13:02 PM

Quant Time: Apr 16 08:49:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:14:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.09	168	654258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.26	114	1129825	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.39	117	904575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.54	152	377498	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.50	65	553722	100.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.84%	
35) Dibromofluoromethane	6.97	113	789707	92.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	185.04%	
50) Toluene-d8	10.45	98	1895320	93.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	187.42%	
62) 4-Bromofluorobenzene	13.57	95	731177	89.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	178.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.59	85	673802	104.957	ug/l	97
3) Chloromethane	1.77	50	501448	98.019	ug/l	97
4) Vinyl Chloride	1.87	62	526038	103.593	ug/l	99
5) Bromomethane	2.17	94	107284	82.452	ug/l	97
6) Chloroethane	2.27	64	155565	89.796	ug/l	95
7) Trichlorofluoromethane	2.55	101	762065	92.724	ug/l	98
8) Diethyl Ether	2.90	74	225165	104.324	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.18	101	754697	102.849	ug/l	98
10) Methyl Iodide	3.34	142	1209432	122.225	ug/l	99
11) Tert butyl alcohol	4.11	59	199505	613.825	ug/l	99
12) 1,1-Dichloroethene	3.16	96	653442	105.865	ug/l	94
13) Acrolein	3.06	56	173115	549.781	ug/l	95
14) Allyl chloride	3.65	41	859337	102.120	ug/l	98
15) Acrylonitrile	4.24	53	544681	533.798	ug/l	97
16) Acetone	3.25	43	749553	551.722	ug/l	99
17) Carbon Disulfide	3.41	76	2074121	103.972	ug/l	99
18) Methyl Acetate	3.67	43	268301	98.478	ug/l	96
19) Methyl tert-butyl Ether	4.28	73	1195375	104.025	ug/l	97
20) Methylene Chloride	3.85	84	639584	78.016	ug/l	96
21) trans-1,2-Dichloroethene	4.26	96	666224	98.278	ug/l	97
22) Diisopropyl ether	5.17	45	1764990	98.290	ug/l	95
23) Vinyl Acetate	5.11	43	5120472	534.251	ug/l	100
24) 1,1-Dichloroethane	5.03	63	1105980	101.476	ug/l	98
25) 2-Butanone	6.12	43	824827	533.205	ug/l	97
26) 2,2-Dichloropropane	6.07	77	905817	96.055	ug/l	99
27) cis-1,2-Dichloroethene	6.08	96	708198	96.257	ug/l	99
28) Bromochloromethane	6.49	49	409385	98.789	ug/l	99
29) Tetrahydrofuran	6.51	42	415933	551.952	ug/l	98
30) Chloroform	6.71	83	1246214	102.434	ug/l	99
31) Cyclohexane	7.01	56	801983	96.047	ug/l	99
32) 1,1,1-Trichloroethane	6.92	97	1077285	99.894	ug/l	98
36) 1,1-Dichloropropene	7.20	75	901842	97.662	ug/l	99
37) Ethyl Acetate	6.23	43	420763	106.484	ug/l #	94
38) Carbon Tetrachloride	7.16	117	1092384m	90.884	ug/l	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041519\
 Data File : VD061801.D
 Acq On : 15 Apr 2019 15:04
 Operator : VA/AP
 Sample : VSTDICC100
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 4/16/2019 3:13:02 PM

Quant Time: Apr 16 08:49:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:14:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.91	83	959460	100.075	ug/l	99
40) Benzene	7.50	78	2089307	94.248	ug/l	99
41) Methacrylonitrile	6.49	41	484927	103.829	ug/l #	94
42) 1,2-Dichloroethane	7.62	62	778846	100.892	ug/l	100
43) Isopropyl Acetate	9.27	43	608193	109.375	ug/l #	98
44) Trichloroethene	8.58	130	807738	94.663	ug/l	96
45) 1,2-Dichloropropane	8.98	63	583546	101.073	ug/l	98
46) Dibromomethane	9.11	93	421504	102.460	ug/l	93
47) Bromodichloromethane	9.41	83	945847	99.660	ug/l	98
48) Methyl methacrylate	9.15	41	335166	102.541	ug/l	97
49) 1,4-Dioxane	9.13	88	76323	2136.335	ug/l	99
51) 4-Methyl-2-Pentanone	10.35	43	1792277	527.061	ug/l	100
52) Toluene	10.54	92	1371249	96.539	ug/l	96
53) t-1,3-Dichloropropene	10.95	75	850461	99.448	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	938947	93.536	ug/l	99
55) 1,1,2-Trichloroethane	11.23	97	485631	101.464	ug/l	95
56) Ethyl methacrylate	11.07	69	558490	106.316	ug/l	99
57) 1,3-Dichloropropane	11.44	76	747401	103.869	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.90	63	1140969	456.643	ug/l	95
59) 2-Hexanone	11.57	43	1316624	521.303	ug/l	97
60) Dibromochloromethane	11.72	129	784184	100.132	ug/l	98
61) 1,2-Dibromoethane	11.84	107	595811	101.238	ug/l	99
64) Tetrachloroethene	11.29	164	638636	94.139	ug/l	97
65) Chlorobenzene	12.42	112	1538462	91.324	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.54	131	652266	92.393	ug/l	97
67) Ethyl Benzene	12.55	91	2326506	86.236	ug/l	100
68) m/p-Xylenes	12.70	106	1723012	170.026	ug/l	97
69) o-Xylene	13.07	106	901320	94.627	ug/l	98
70) Styrene	13.09	104	1475319	90.007	ug/l	97
71) Bromoform	13.26	173	474143	113.147	ug/l	99
73) Isopropylbenzene	13.43	105	2449973	100.072	ug/l	96
74) N-amyl acetate	13.29	43	769372	116.867	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.72	83	551482	113.960	ug/l	100
76) 1,2,3-Trichloropropane	13.75	75	511895	103.256	ug/l	99
77) Bromobenzene	13.69	156	706056	101.526	ug/l	92
78) n-propylbenzene	13.79	91	2569572	90.844	ug/l	99
79) 2-Chlorotoluene	13.86	91	1754447	106.808	ug/l	99
80) 1,3,5-Trimethylbenzene	13.96	105	1800793	92.702	ug/l	95
81) trans-1,4-Dichloro-2-buten	13.50	75	164342	116.369	ug/l	98
82) 4-Chlorotoluene	13.97	91	1743616	92.191	ug/l	96
83) tert-Butylbenzene	14.21	119	2247595	98.539	ug/l	94
84) 1,2,4-Trimethylbenzene	14.25	105	1783580	91.342	ug/l	99
85) sec-Butylbenzene	14.39	105	2380948	100.976	ug/l	95
86) p-Isopropyltoluene	14.51	119	2121762	96.173	ug/l	98
87) 1,3-Dichlorobenzene	14.48	146	1234509	101.683	ug/l	96
88) 1,4-Dichlorobenzene	14.56	146	1131760	94.303	ug/l	96
89) n-Butylbenzene	14.82	91	1622957	83.106	ug/l	97
90) Hexachloroethane	15.02	117	590450	98.192	ug/l	88
91) 1,2-Dichlorobenzene	14.82	146	891340	87.647	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.40	75	90071	134.417	ug/l	85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041519\
Data File : VD061801.D
Acq On : 15 Apr 2019 15:04
Operator : VA/AP
Sample : VSTDICC100
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

MMDadoda
4/16/2019 3:13:02 PM

Quant Time: Apr 16 08:49:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 16 08:14:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.97	180	576576	103.227	ug/l	97
94) Hexachlorobutadiene	16.06	225	392861	97.057	ug/l	99
95) Naphthalene	16.14	128	887630	103.682	ug/l	100
96) 1,2,3-Trichlorobenzene	16.29	180	292606	91.928	ug/l	98

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

