

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040619\
 Data File : VD061640.D
 Acq On : 6 Apr 2019 13:30
 Operator : VA/AP
 Sample : VSTDIC075
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 2:57:27 AM

Quant Time: Apr 08 07:24:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 07:00:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	750216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1316975	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	977308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	460681	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.45	65	389916	70.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.14%	
35) Dibromofluoromethane	6.92	113	612654	68.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.12%	
50) Toluene-d8	10.41	98	1435439	65.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.66%	
62) 4-Bromofluorobenzene	13.55	95	510532	60.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	549614	69.819	ug/l	99
3) Chloromethane	1.76	50	447346	70.426	ug/l	96
4) Vinyl Chloride	1.85	62	440551	72.201	ug/l	98
5) Bromomethane	2.15	94	80430	58.825	ug/l	99
6) Chloroethane	2.26	64	144142	75.185	ug/l	95
7) Trichlorofluoromethane	2.52	101	650890	72.480	ug/l	99
8) Diethyl Ether	2.87	74	192107	73.861	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.14	101	625330	69.945	ug/l	97
10) Methyl Iodide	3.30	142	1037239	90.142	ug/l	99
11) Tert butyl alcohol	4.06	59	149908	392.631	ug/l	96
12) 1,1-Dichloroethene	3.12	96	550838	71.043	ug/l	97
13) Acrolein	3.04	56	171099	373.077	ug/l	99
14) Allyl chloride	3.62	41	797332	74.031	ug/l	97
15) Acrylonitrile	4.19	53	459011	364.853	ug/l	96
16) Acetone	3.21	43	720844	437.063	ug/l	100
17) Carbon Disulfide	3.37	76	1826815	72.465	ug/l	100
18) Methyl Acetate	3.64	43	234615	73.188	ug/l	100
19) Methyl tert-butyl Ether	4.23	73	967119	72.791	ug/l	98
20) Methylene Chloride	3.81	84	612699	65.026	ug/l	99
21) trans-1,2-Dichloroethene	4.22	96	585244	69.994	ug/l	98
22) Diisopropyl ether	5.11	45	1585741	71.788	ug/l	99
23) Vinyl Acetate	5.05	43	4421408	362.113	ug/l	99
24) 1,1-Dichloroethane	4.98	63	971966	71.400	ug/l	100
25) 2-Butanone	6.06	43	743296	385.632	ug/l	97
26) 2,2-Dichloropropane	6.02	77	785817	71.051	ug/l	100
27) cis-1,2-Dichloroethene	6.03	96	625774	70.226	ug/l	94
28) Bromochloromethane	6.43	49	366361	75.359	ug/l	96
29) Tetrahydrofuran	6.44	42	343013	371.594	ug/l	99
30) Chloroform	6.66	83	1021649	72.114	ug/l	99
31) Cyclohexane	6.95	56	694351	66.520	ug/l	98
32) 1,1,1-Trichloroethane	6.87	97	909788	73.113	ug/l	100
36) 1,1-Dichloropropene	7.14	75	745046	63.275	ug/l	100
37) Ethyl Acetate	6.18	43	329378	67.384	ug/l	96
38) Carbon Tetrachloride	7.11	117	912868m	67.116	ug/l	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040619\
 Data File : VD061640.D
 Acq On : 6 Apr 2019 13:30
 Operator : VA/AP
 Sample : VSTDIC075
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDIC075

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 2:57:27 AM

Quant Time: Apr 08 07:24:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 07:00:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	844369	68.788	ug/l	98
40) Benzene	7.46	78	1860782	65.315	ug/l	99
41) Methacrylonitrile	6.44	41	380328	69.036	ug/l	95
42) 1,2-Dichloroethane	7.57	62	598410	66.456	ug/l	99
43) Isopropyl Acetate	9.23	43	493305	70.226	ug/l	99
44) Trichloroethene	8.54	130	717834	66.141	ug/l	96
45) 1,2-Dichloropropane	8.93	63	438138	62.782	ug/l	98
46) Dibromomethane	9.06	93	351391	71.036	ug/l	92
47) Bromodichloromethane	9.37	83	748053	67.652	ug/l	99
48) Methyl methacrylate	9.11	41	295739	76.142	ug/l	98
49) 1,4-Dioxane	9.07	88	67037	1559.325	ug/l #	87
51) 4-Methyl-2-Pentanone	10.30	43	1335447	322.868	ug/l	98
52) Toluene	10.51	92	1162854	65.892	ug/l	99
53) t-1,3-Dichloropropene	10.91	75	673288	68.947	ug/l	99
54) cis-1,3-Dichloropropene	10.04	75	777008	64.591	ug/l	99
55) 1,1,2-Trichloroethane	11.19	97	391395	67.265	ug/l	98
56) Ethyl methacrylate	11.04	69	430715	68.126	ug/l	100
57) 1,3-Dichloropropane	11.40	76	569371	64.808	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.86	63	952118	332.407	ug/l	99
59) 2-Hexanone	11.53	43	1149542	368.266	ug/l	96
60) Dibromochloromethane	11.68	129	666522	71.963	ug/l	99
61) 1,2-Dibromoethane	11.80	107	464035	67.580	ug/l	99
64) Tetrachloroethene	11.26	164	548662	73.571	ug/l	98
65) Chlorobenzene	12.40	112	1301897	67.568	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.51	131	552061	72.052	ug/l	96
67) Ethyl Benzene	12.53	91	2058387	67.066	ug/l	98
68) m/p-Xylenes	12.66	106	1440303	127.049	ug/l	94
69) o-Xylene	13.05	106	750303	68.434	ug/l	95
70) Styrene	13.07	104	1311797	69.869	ug/l	99
71) Bromoform	13.23	173	353627	77.339	ug/l #	94
73) Isopropylbenzene	13.40	105	2118942	68.341	ug/l	99
74) N-amyl acetate	13.26	43	613188	73.173	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.70	83	460766	74.318	ug/l	98
76) 1,2,3-Trichloropropane	13.73	75	459695	74.362	ug/l	96
77) Bromobenzene	13.67	156	651351	71.704	ug/l	87
78) n-propylbenzene	13.78	91	2469125	67.699	ug/l	94
79) 2-Chlorotoluene	13.84	91	1440779	69.084	ug/l	95
80) 1,3,5-Trimethylbenzene	13.93	105	1562933	64.228	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.47	75	154272	80.631	ug/l	95
82) 4-Chlorotoluene	13.94	91	1476149	64.778	ug/l	96
83) tert-Butylbenzene	14.19	119	1880892	64.607	ug/l	97
84) 1,2,4-Trimethylbenzene	14.24	105	1637871	65.500	ug/l	95
85) sec-Butylbenzene	14.37	105	2024313	65.101	ug/l	95
86) p-Isopropyltoluene	14.49	119	1954034	68.117	ug/l	98
87) 1,3-Dichlorobenzene	14.46	146	1078954	69.744	ug/l	97
88) 1,4-Dichlorobenzene	14.53	146	994981	64.932	ug/l	96
89) n-Butylbenzene	14.80	91	1511313	61.367	ug/l	97
90) Hexachloroethane	15.01	117	536636	72.472	ug/l	75
91) 1,2-Dichlorobenzene	14.81	146	769695	60.672	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.38	75	59186	76.300	ug/l	68

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040619\
Data File : VD061640.D
Acq On : 6 Apr 2019 13:30
Operator : VA/AP
Sample : VSTDICC075
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC075

Manual Integrations
APPROVED

MMDadoda
4/11/2019 2:57:27 AM

Quant Time: Apr 08 07:24:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 08 07:00:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	435050	67.787	ug/l	98
94) Hexachlorobutadiene	16.03	225	347076	70.281	ug/l	98
95) Naphthalene	16.12	128	698269	68.986	ug/l	100
96) 1,2,3-Trichlorobenzene	16.27	180	192216	60.488	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040619\
Data File : VD061640.D
Acq On : 6 Apr 2019 13:30
Operator : VA/AP
Sample : VSTDIC075
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC075

Manual Integrations
APPROVED

MMDadoda
4/11/2019 2:57:27 AM

Quant Time: Apr 08 07:24:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 08 07:00:37 2019
Response via : Initial Calibration

