

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081018\
 Data File : VD059736.D
 Acq On : 10 Aug 2018 18:38
 Operator : VA/AP
 Sample : VSTDIC075
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

apatel
 8/13/2018 12:28:41 PM

Quant Time: Aug 11 05:16:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 04:59:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	154326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	192627	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	160149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	88854	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.01	65	176051	86.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	172.14%	
35) Dibromofluoromethane	5.54	113	144270	81.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	163.48%	
50) Toluene-d8	8.70	98	278884	73.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	147.46%	
62) 4-Bromofluorobenzene	11.93	95	143157	80.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	160.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.32	85	164878	76.47	ug/l	91
3) Chloromethane	1.47	50	71147	75.59	ug/l	92
4) Vinyl Chloride	1.54	62	89343	80.98	ug/l	100
5) Bromomethane	1.78	94	32268m	86.31	ug/l	
6) Chloroethane	1.87	64	45715	97.35	ug/l	93
7) Trichlorofluoromethane	2.07	101	171404	90.59	ug/l	100
8) Diethyl Ether	2.33	74	29629	86.63	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.54	101	88014	83.90	ug/l	97
10) Methyl Iodide	2.68	142	115759	95.67	ug/l	97
11) Tert butyl alcohol	3.25	59	30388	417.53	ug/l	98
12) 1,1-Dichloroethene	2.52	96	66512	87.87	ug/l	98
13) Acrolein	2.46	56	17879	280.99	ug/l	94
14) Allyl chloride	2.91	41	146360	83.66	ug/l	99
15) Acrylonitrile	3.34	53	79529	393.16	ug/l	98
16) Acetone	2.60	43	154375	408.08	ug/l	98
17) Carbon Disulfide	2.74	76	236002	86.31	ug/l	100
18) Methyl Acetate	2.92	43	55761	79.04	ug/l	100
19) Methyl tert-butyl Ether	3.40	73	239400	81.30	ug/l	99
20) Methylene Chloride	3.06	84	73434	50.44	ug/l	98
21) trans-1,2-Dichloroethene	3.37	96	78877	79.29	ug/l	99
22) Diisopropyl ether	4.06	45	266519	66.82	ug/l	89
23) Vinyl Acetate	4.00	43	898489	350.03	ug/l	99
24) 1,1-Dichloroethane	3.96	63	193070	72.53	ug/l	98
25) 2-Butanone	4.83	43	164577	344.79	ug/l	100
26) 2,2-Dichloropropane	4.79	77	228024	79.13	ug/l	99
27) cis-1,2-Dichloroethene	4.79	96	98463	70.20	ug/l	96
28) Bromochloromethane	5.13	49	69914	69.90	ug/l	91
29) Tetrahydrofuran	5.17	42	58678	315.70	ug/l	95
30) Chloroform	5.31	83	252411	76.36	ug/l	100
31) Cyclohexane	5.58	56	109164	56.32	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	265458	81.88	ug/l	98
36) 1,1-Dichloropropene	5.74	75	157485	73.45	ug/l	93
37) Ethyl Acetate	4.92	43	74228	71.32	ug/l #	95
38) Carbon Tetrachloride	5.71	117	251542	84.94	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	120645	68.11	ug/l	95
40) Benzene	6.01	78	261885	64.06	ug/l	100
41) Methacrylonitrile	5.11	41	33829	71.28	ug/l	96
42) 1,2-Dichloroethane	6.12	62	220034	82.68	ug/l	98
43) Isopropyl Acetate	7.61	43	92619	69.06	ug/l	99
44) Trichloroethene	6.97	130	109480	71.67	ug/l	97
45) 1,2-Dichloropropane	7.34	63	71842	66.64	ug/l	97
46) Dibromomethane	7.45	93	73387	76.03	ug/l	98
47) Bromodichloromethane	7.73	83	198383	80.00	ug/l	98
48) Methyl methacrylate	7.50	41	68946	76.27	ug/l	96
49) 1,4-Dioxane	7.48	88	11241	1637.67	ug/l	94
51) 4-Methyl-2-Pentanone	8.59	43	363458	366.73	ug/l	98
52) Toluene	8.79	92	177187	67.64	ug/l	100
53) t-1,3-Dichloropropene	9.18	75	160431	77.36	ug/l	98
54) cis-1,3-Dichloropropene	8.36	75	155661	74.09	ug/l	92
55) 1,1,2-Trichloroethane	9.45	97	69887	68.65	ug/l	97
56) Ethyl methacrylate	9.31	69	73167	65.73	ug/l	90
57) 1,3-Dichloropropane	9.66	76	117079	73.84	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.18	63	184831	345.05	ug/l	98
59) 2-Hexanone	9.78	43	278927	374.41	ug/l	98
60) Dibromochloromethane	9.95	129	141794	85.56	ug/l	95
61) 1,2-Dibromoethane	10.09	107	87197	74.12	ug/l	100
64) Tetrachloroethene	9.51	164	106177	69.75	ug/l	97
65) Chlorobenzene	10.72	112	228609	67.86	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.85	131	113376	74.56	ug/l	98
67) Ethyl Benzene	10.86	91	421912	69.15	ug/l	97
68) m/p-Xylenes	11.00	106	265002	137.13	ug/l	97
69) o-Xylene	11.40	106	127364	67.46	ug/l	94
70) Styrene	11.43	104	213833	67.74	ug/l	97
71) Bromoform	11.60	173	96629	84.26	ug/l	99
73) Isopropylbenzene	11.77	105	411347	69.81	ug/l	99
74) N-amyl acetate	11.64	43	125232	67.34	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.08	83	80823	68.78	ug/l	97
76) 1,2,3-Trichloropropane	12.11	75	91099	66.67	ug/l	99
77) Bromobenzene	12.04	156	124462	72.28	ug/l	88
78) n-propylbenzene	12.16	91	509855	69.91	ug/l	96
79) 2-Chlorotoluene	12.21	91	317724	71.83	ug/l	97
80) 1,3,5-Trimethylbenzene	12.31	105	367549	74.53	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.84	75	22114	68.76	ug/l	98
82) 4-Chlorotoluene	12.32	91	381301	73.39	ug/l	98
83) tert-Butylbenzene	12.57	119	403820	73.64	ug/l	97
84) 1,2,4-Trimethylbenzene	12.62	105	392968	75.05	ug/l	97
85) sec-Butylbenzene	12.76	105	431219	70.69	ug/l	97
86) p-Isopropyltoluene	12.88	119	375491	72.06	ug/l	95
87) 1,3-Dichlorobenzene	12.83	146	206199	69.03	ug/l	96
88) 1,4-Dichlorobenzene	12.92	146	207910	70.37	ug/l	96
89) n-Butylbenzene	13.19	91	376177	71.63	ug/l	99
90) Hexachloroethane	13.40	117	109455	80.50	ug/l	86
91) 1,2-Dichlorobenzene	13.19	146	176938	70.73	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.77	75	20587	82.57	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	168295	73.75	ug/l	96
94) Hexachlorobutadiene	14.43	225	141228	79.33	ug/l	98
95) Naphthalene	14.52	128	228111	68.64	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	146582	74.48	ug/l	96

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

