

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081018\
 Data File : VD059735.D
 Acq On : 10 Aug 2018 18:09
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 8/13/2018 12:28:36 PM

Quant Time: Aug 11 05:14:31 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	155217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	185199	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	153050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	89251	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.00	65	129310	62.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.70%	
35) Dibromofluoromethane	5.54	113	100465	59.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.42%	
50) Toluene-d8	8.70	98	195609	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
62) 4-Bromofluorobenzene	11.92	95	102065	59.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.33	85	121514	56.03	ug/l	100
3) Chloromethane	1.47	50	48697	51.44	ug/l	100
4) Vinyl Chloride	1.55	62	59688	53.79	ug/l	100
5) Bromomethane	1.78	94	26083m	69.36	ug/l	100
6) Chloroethane	1.87	64	34777	73.63	ug/l	100
7) Trichlorofluoromethane	2.08	101	125523	65.96	ug/l	100
8) Diethyl Ether	2.33	74	22039	64.07	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.54	101	63017	59.72	ug/l	100
10) Methyl Iodide	2.68	142	78272	64.32	ug/l	100
11) Tert butyl alcohol	3.26	59	22481	307.11	ug/l	100
12) 1,1-Dichloroethene	2.53	96	45565	59.85	ug/l	100
13) Acrolein	2.46	56	12563	196.31	ug/l	100
14) Allyl chloride	2.90	41	102936	58.50	ug/l	100
15) Acrylonitrile	3.35	53	59497	292.44	ug/l	100
16) Acetone	2.60	43	122126	320.98	ug/l	100
17) Carbon Disulfide	2.75	76	163579	59.48	ug/l	100
18) Methyl Acetate	2.92	43	41073	57.88	ug/l	100
19) Methyl tert-butyl Ether	3.39	73	184812	62.40	ug/l	100
20) Methylene Chloride	3.05	84	53900	36.81	ug/l	100
21) trans-1,2-Dichloroethene	3.37	96	58589	58.56	ug/l	100
22) Diisopropyl ether	4.05	45	194068	48.38	ug/l	100
23) Vinyl Acetate	4.00	43	669435	259.30	ug/l	100
24) 1,1-Dichloroethane	3.96	63	136858	51.12	ug/l	100
25) 2-Butanone	4.82	43	123871	258.02	ug/l	100
26) 2,2-Dichloropropane	4.78	77	160737	55.46	ug/l	100
27) cis-1,2-Dichloroethene	4.79	96	67358	47.75	ug/l	100
28) Bromochloromethane	5.14	49	52934	52.62	ug/l	100
29) Tetrahydrofuran	5.17	42	45258	242.10	ug/l	100
30) Chloroform	5.31	83	184911	55.62	ug/l	100
31) Cyclohexane	5.58	56	76898	39.45	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	193859	59.45	ug/l	100
36) 1,1-Dichloropropene	5.74	75	113565	55.09	ug/l	100
37) Ethyl Acetate	4.92	43	54801	54.77	ug/l	100
38) Carbon Tetrachloride	5.72	117	179542	63.06	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.27	83	85381	50.14	ug/l	100
40) Benzene	6.00	78	197615	50.28	ug/l	100
41) Methacrylonitrile	5.12	41	23615	51.76	ug/l	100
42) 1,2-Dichloroethane	6.12	62	165374	64.63	ug/l	100
43) Isopropyl Acetate	7.60	43	67890	52.65	ug/l	100
44) Trichloroethene	6.97	130	82024	55.85	ug/l	100
45) 1,2-Dichloropropane	7.34	63	50241	48.47	ug/l	100
46) Dibromomethane	7.45	93	56460	60.84	ug/l	100
47) Bromodichloromethane	7.73	83	146837	61.59	ug/l	100
48) Methyl methacrylate	7.50	41	49810	57.31	ug/l	100
49) 1,4-Dioxane	7.48	88	8003	1212.70	ug/l	100
51) 4-Methyl-2-Pentanone	8.59	43	278624	292.41	ug/l	100
52) Toluene	8.80	92	123567	49.07	ug/l	100
53) t-1,3-Dichloropropene	9.18	75	116816	58.59	ug/l	100
54) cis-1,3-Dichloropropene	8.35	75	106259	52.60	ug/l	100
55) 1,1,2-Trichloroethane	9.44	97	49428	50.50	ug/l	100
56) Ethyl methacrylate	9.31	69	57015	53.27	ug/l	100
57) 1,3-Dichloropropane	9.66	76	84668	55.54	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.19	63	135323	262.76	ug/l	100
59) 2-Hexanone	9.78	43	214113	298.94	ug/l	100
60) Dibromochloromethane	9.96	129	100577	63.12	ug/l	100
61) 1,2-Dibromoethane	10.08	107	65199	57.64	ug/l	100
64) Tetrachloroethene	9.50	164	77631	53.36	ug/l	100
65) Chlorobenzene	10.72	112	160021	49.70	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.84	131	84515	58.16	ug/l	100
67) Ethyl Benzene	10.85	91	300010	51.45	ug/l	100
68) m/p-Xylenes	11.01	106	178728	96.78	ug/l	100
69) o-Xylene	11.40	106	90391	50.10	ug/l	100
70) Styrene	11.43	104	151618	50.26	ug/l	100
71) Bromoform	11.60	173	68954	62.92	ug/l	100
73) Isopropylbenzene	11.77	105	302462	51.10	ug/l	100
74) N-amyl acetate	11.64	43	95527	51.14	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.07	83	57441	48.66	ug/l	100
76) 1,2,3-Trichloropropane	12.11	75	73594	53.62	ug/l	100
77) Bromobenzene	12.03	156	89940	52.00	ug/l	100
78) n-propylbenzene	12.15	91	366540	50.03	ug/l	100
79) 2-Chlorotoluene	12.21	91	229147	51.58	ug/l	100
80) 1,3,5-Trimethylbenzene	12.32	105	259536	52.40	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.83	75	15585	48.24	ug/l	100
82) 4-Chlorotoluene	12.33	91	273689	52.44	ug/l	100
83) tert-Butylbenzene	12.57	119	275516	50.02	ug/l	100
84) 1,2,4-Trimethylbenzene	12.62	105	276576	52.59	ug/l	100
85) sec-Butylbenzene	12.75	105	302110	49.31	ug/l	100
86) p-Isopropyltoluene	12.88	119	264519	50.54	ug/l	100
87) 1,3-Dichlorobenzene	12.84	146	150920	50.30	ug/l	100
88) 1,4-Dichlorobenzene	12.93	146	146886	49.49	ug/l	100
89) n-Butylbenzene	13.19	91	254558	48.26	ug/l	100
90) Hexachloroethane	13.40	117	75221	55.07	ug/l	100
91) 1,2-Dichlorobenzene	13.19	146	119337	47.49	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.77	75	15519	61.96	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	124553	54.34	ug/l	100
94) Hexachlorobutadiene	14.43	225	103104	57.66	ug/l	100
95) Naphthalene	14.51	128	168265	50.41	ug/l	100
96) 1,2,3-Trichlorobenzene	14.66	180	105390	53.31	ug/l	100

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

