

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062818\
 Data File : VD059464.D
 Acq On : 28 Jun 2018 15:55
 Operator : VA/AP
 Sample : VD0628SBSD01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0628SBSD01

Quant Time: Jun 29 01:26:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	883289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	1110162	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	896779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	481471	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	372626	41.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.50%	
35) Dibromofluoromethane	5.55	113	395749	43.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.52%	
50) Toluene-d8	8.72	98	889018	42.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.12%	
62) 4-Bromofluorobenzene	11.94	95	376770	42.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.34	85	178892	22.76	ug/l	92
3) Chloromethane	1.48	50	81298	19.88	ug/l #	79
4) Vinyl Chloride	1.55	62	89454	21.09	ug/l	97
5) Bromomethane	1.79	94	32716	20.62	ug/l	95
6) Chloroethane	1.88	64	33738	17.35	ug/l	94
7) Trichlorofluoromethane	2.07	101	134135	21.93	ug/l	99
8) Diethyl Ether	2.34	74	24512	17.71	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.55	101	85523	22.50	ug/l	94
10) Methyl Iodide	2.69	142	88967	20.04	ug/l	97
11) Tert butyl alcohol	3.27	59	23655	75.70	ug/l #	86
12) 1,1-Dichloroethene	2.55	96	63379	21.78	ug/l	89
13) Acrolein	2.47	56	27374	97.99	ug/l #	73
14) Allyl chloride	2.92	41	137202	20.60	ug/l	97
15) Acrylonitrile	3.36	53	77895	81.22	ug/l	93
16) Acetone	2.62	43	117511	103.08	ug/l	93
17) Carbon Disulfide	2.75	76	185638	20.83	ug/l #	93
18) Methyl Acetate	2.93	43	44751	16.36	ug/l	97
19) Methyl tert-butyl Ether	3.41	73	177741	12.41	ug/l	95
20) Methylene Chloride	3.07	84	71387	21.14	ug/l	89
21) trans-1,2-Dichloroethene	3.38	96	77616	15.08	ug/l #	75
22) Diisopropyl ether	4.08	45	517992	20.67	ug/l	89
23) Vinyl Acetate	4.02	43	1411164	108.06	ug/l	99
24) 1,1-Dichloroethane	3.97	63	318266	22.19	ug/l	98
25) 2-Butanone	4.84	43	238277	99.78	ug/l	100
26) 2,2-Dichloropropane	4.80	77	267309	24.03	ug/l	96
27) cis-1,2-Dichloroethene	4.81	96	176113	20.37	ug/l	90
28) Bromochloromethane	5.15	49	129880	20.89	ug/l	99
29) Tetrahydrofuran	5.19	42	123059	94.21	ug/l	99
30) Chloroform	5.32	83	325402	20.82	ug/l	95
31) Cyclohexane	5.59	56	235635	22.77	ug/l	95
32) 1,1,1-Trichloroethane	5.52	97	265514	20.97	ug/l	95
36) 1,1-Dichloropropene	5.75	75	226779	22.52	ug/l	95
37) Ethyl Acetate	4.93	43	108571	17.70	ug/l	99
38) Carbon Tetrachloride	5.73	117	236570	22.78	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.29	83	217765	22.80	ug/l	97
40) Benzene	6.02	78	546268	22.60	ug/l	98
41) Methacrylonitrile	5.13	41	56533	19.14	ug/l	99
42) 1,2-Dichloroethane	6.13	62	214407	20.08	ug/l	98
43) Isopropyl Acetate	7.63	43	149497	19.41	ug/l #	94
44) Trichloroethene	6.99	130	167352	21.15	ug/l	92
45) 1,2-Dichloropropane	7.36	63	137000	20.47	ug/l	97
46) Dibromomethane	7.47	93	100685	20.92	ug/l	93
47) Bromodichloromethane	7.75	83	216050	20.06	ug/l	97
48) Methyl methacrylate	7.52	41	88245	18.81	ug/l	94
49) 1,4-Dioxane	7.51	88	17372	369.15	ug/l	90
51) 4-Methyl-2-Pentanone	8.60	43	467129	91.02	ug/l	98
52) Toluene	8.81	92	308545	21.38	ug/l	98
53) t-1,3-Dichloropropene	9.19	75	191769	21.31	ug/l	95
54) cis-1,3-Dichloropropene	8.36	75	222309	21.33	ug/l	98
55) 1,1,2-Trichloroethane	9.47	97	105199	20.08	ug/l	93
56) Ethyl methacrylate	9.32	69	118115	19.75	ug/l	94
57) 1,3-Dichloropropane	9.67	76	179611	20.96	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.20	63	311422	101.17	ug/l	96
59) 2-Hexanone	9.79	43	378514	103.77	ug/l	99
60) Dibromochloromethane	9.97	129	140132	19.10	ug/l	92
61) 1,2-Dibromoethane	10.10	107	112409	19.26	ug/l	100
64) Tetrachloroethene	9.52	164	163273	20.75	ug/l	95
65) Chlorobenzene	10.73	112	361911	22.07	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.86	131	132791	21.10	ug/l	94
67) Ethyl Benzene	10.86	91	615797	22.26	ug/l	97
68) m/p-Xylenes	11.02	106	419776	45.73	ug/l	91
69) o-Xylene	11.41	106	196726	21.68	ug/l	98
70) Styrene	11.44	104	338134	21.73	ug/l	98
71) Bromoform	11.60	173	100409	19.26	ug/l	95
73) Isopropylbenzene	11.78	105	557213	20.51	ug/l	94
74) N-amyl acetate	11.65	43	188092	18.20	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.09	83	120657	18.93	ug/l	92
76) 1,2,3-Trichloropropane	12.12	75	138156	20.80	ug/l	99
77) Bromobenzene	12.05	156	183078	21.41	ug/l	92
78) n-propylbenzene	12.15	91	767360	22.30	ug/l	94
79) 2-Chlorotoluene	12.22	91	424630	21.01	ug/l	94
80) 1,3,5-Trimethylbenzene	12.32	105	460881	21.31	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.85	75	30111	19.95	ug/l #	80
82) 4-Chlorotoluene	12.33	91	487994	21.30	ug/l	90
83) tert-Butylbenzene	12.58	119	501269	21.79	ug/l	93
84) 1,2,4-Trimethylbenzene	12.63	105	489493	21.38	ug/l	99
85) sec-Butylbenzene	12.76	105	611570	21.66	ug/l	98
86) p-Isopropyltoluene	12.89	119	487553	21.43	ug/l	97
87) 1,3-Dichlorobenzene	12.84	146	314651	22.37	ug/l	99
88) 1,4-Dichlorobenzene	12.93	146	296832	21.38	ug/l	94
89) n-Butylbenzene	13.20	91	521981	23.24	ug/l	98
90) Hexachloroethane	13.40	117	125276	22.07	ug/l	84
91) 1,2-Dichlorobenzene	13.20	146	262110	21.97	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.78	75	18430	17.53	ug/l	59

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	239654	21.73	ug/l	92
94) Hexachlorobutadiene	14.44	225	189810	22.87	ug/l	97
95) Naphthalene	14.52	128	285848	18.60	ug/l	98
96) 1,2,3-Trichlorobenzene	14.66	180	201561	20.33	ug/l	96

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

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