

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062818\
 Data File : VD059463.D
 Acq On : 28 Jun 2018 15:27
 Operator : VA/AP
 Sample : VD0628SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0628SBS01

Quant Time: Jun 29 01:26:16 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	898713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	1162935	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	910590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	496902	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	382363	41.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.20%	
35) Dibromofluoromethane	5.56	113	407186	42.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.98%	
50) Toluene-d8	8.72	98	916873	41.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.80%	
62) 4-Bromofluorobenzene	11.94	95	390783	42.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.34	85	195717	24.48	ug/l	98
3) Chloromethane	1.49	50	97522	23.44	ug/l	100
4) Vinyl Chloride	1.55	62	92507	21.43	ug/l	99
5) Bromomethane	1.80	94	32278	19.90	ug/l	98
6) Chloroethane	1.88	64	36505	18.40	ug/l	90
7) Trichlorofluoromethane	2.09	101	144648	23.24	ug/l	96
8) Diethyl Ether	2.34	74	31373	22.28	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.56	101	93414	24.15	ug/l	97
10) Methyl Iodide	2.70	142	90864	20.11	ug/l	99
11) Tert butyl alcohol	3.28	59	32233	101.38	ug/l #	93
12) 1,1-Dichloroethene	2.55	96	65845	22.24	ug/l	92
13) Acrolein	2.47	56	29711	104.53	ug/l	94
14) Allyl chloride	2.92	41	140174	20.68	ug/l	92
15) Acrylonitrile	3.36	53	99602	102.07	ug/l	97
16) Acetone	2.62	43	133862	115.40	ug/l #	91
17) Carbon Disulfide	2.75	76	194783	21.48	ug/l	97
18) Methyl Acetate	2.94	43	46582	16.85	ug/l #	88
19) Methyl tert-butyl Ether	3.40	73	299851	20.57	ug/l	96
20) Methylene Chloride	3.07	84	78117	22.93	ug/l	92
21) trans-1,2-Dichloroethene	3.40	96	109273	20.87	ug/l	89
22) Diisopropyl ether	4.08	45	571851	22.42	ug/l	93
23) Vinyl Acetate	4.02	43	1552714	116.86	ug/l	98
24) 1,1-Dichloroethane	3.98	63	329830	22.60	ug/l	98
25) 2-Butanone	4.84	43	262089	107.86	ug/l	100
26) 2,2-Dichloropropane	4.80	77	281198	24.85	ug/l	99
27) cis-1,2-Dichloroethene	4.81	96	191849	21.80	ug/l	94
28) Bromochloromethane	5.15	49	138431	21.88	ug/l	93
29) Tetrahydrofuran	5.20	42	130759	98.38	ug/l	95
30) Chloroform	5.33	83	354317	22.28	ug/l	100
31) Cyclohexane	5.60	56	241020	22.92	ug/l	99
32) 1,1,1-Trichloroethane	5.52	97	285905	22.20	ug/l	96
36) 1,1-Dichloropropene	5.75	75	236654	22.43	ug/l	98
37) Ethyl Acetate	4.94	43	125163	19.48	ug/l	99
38) Carbon Tetrachloride	5.74	117	245734	22.59	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.29	83	236022	23.59	ug/l	96
40) Benzene	6.02	78	584417	23.08	ug/l	98
41) Methacrylonitrile	5.14	41	64238	20.76	ug/l	93
42) 1,2-Dichloroethane	6.14	62	231689	20.71	ug/l	98
43) Isopropyl Acetate	7.63	43	162593	20.15	ug/l #	96
44) Trichloroethene	6.99	130	181958	21.95	ug/l	97
45) 1,2-Dichloropropane	7.36	63	150244	21.43	ug/l	99
46) Dibromomethane	7.47	93	106896	21.20	ug/l	96
47) Bromodichloromethane	7.76	83	250163	22.17	ug/l	99
48) Methyl methacrylate	7.52	41	101190	20.59	ug/l	98
49) 1,4-Dioxane	7.50	88	21061	427.23	ug/l	88
51) 4-Methyl-2-Pentanone	8.61	43	542305	100.87	ug/l	98
52) Toluene	8.82	92	329038	21.76	ug/l	99
53) t-1,3-Dichloropropene	9.20	75	216628	22.98	ug/l	99
54) cis-1,3-Dichloropropene	8.38	75	245413	22.48	ug/l	97
55) 1,1,2-Trichloroethane	9.47	97	116713	21.26	ug/l	95
56) Ethyl methacrylate	9.32	69	131156	20.94	ug/l	94
57) 1,3-Dichloropropane	9.68	76	201332	22.43	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.20	63	337869	104.78	ug/l	95
59) 2-Hexanone	9.80	43	404813	105.94	ug/l	98
60) Dibromochloromethane	9.97	129	161199	20.97	ug/l	92
61) 1,2-Dibromoethane	10.11	107	127983	20.94	ug/l	94
64) Tetrachloroethene	9.53	164	167058	20.91	ug/l	90
65) Chlorobenzene	10.74	112	361052	21.68	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.86	131	150316	23.52	ug/l	96
67) Ethyl Benzene	10.87	91	671486	23.90	ug/l	99
68) m/p-Xylenes	11.02	106	448636	48.13	ug/l	91
69) o-Xylene	11.42	106	218935	23.76	ug/l	100
70) Styrene	11.45	104	373212	23.62	ug/l	96
71) Bromoform	11.61	173	111895	21.13	ug/l #	93
73) Isopropylbenzene	11.78	105	601387	21.45	ug/l	99
74) N-amyl acetate	11.65	43	215134	20.17	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.09	83	133996	20.37	ug/l	92
76) 1,2,3-Trichloropropane	12.13	75	142544	20.80	ug/l	96
77) Bromobenzene	12.05	156	187638	21.26	ug/l	98
78) n-propylbenzene	12.17	91	824613	23.22	ug/l	98
79) 2-Chlorotoluene	12.22	91	459061	22.01	ug/l	98
80) 1,3,5-Trimethylbenzene	12.33	105	476262	21.33	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.85	75	34939	22.43	ug/l	84
82) 4-Chlorotoluene	12.33	91	507853	21.47	ug/l	100
83) tert-Butylbenzene	12.59	119	567878	23.92	ug/l	96
84) 1,2,4-Trimethylbenzene	12.64	105	536541	22.71	ug/l	99
85) sec-Butylbenzene	12.77	105	638597	21.92	ug/l	97
86) p-Isopropyltoluene	12.89	119	547904	23.33	ug/l	98
87) 1,3-Dichlorobenzene	12.85	146	339235	23.36	ug/l	98
88) 1,4-Dichlorobenzene	12.93	146	323116	22.55	ug/l	98
89) n-Butylbenzene	13.21	91	558857	24.11	ug/l	98
90) Hexachloroethane	13.41	117	134616	22.97	ug/l	94
91) 1,2-Dichlorobenzene	13.20	146	281052	22.83	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.78	75	21195	19.54	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.35	180	266343	23.40	ug/l	96
94) Hexachlorobutadiene	14.45	225	195674	22.85	ug/l	99
95) Naphthalene	14.53	128	336025	21.18	ug/l	98
96) 1,2,3-Trichlorobenzene	14.67	180	236874	23.15	ug/l	97

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

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