

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090518\
 Data File : VD059970.D
 Acq On : 5 Sep 2018 15:39
 Operator : JC/SY
 Sample : VD0905SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0905SBS01

Manual Integrations
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apatel
 9/6/2018 2:16:51 PM

Quant Time: Sep 05 16:14:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1157999	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.41	114	1494621	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	1319576	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	720774	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.75	65	482118	49.40	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	98.80%	
35) Dibromofluoromethane	6.29	113	633219	54.04	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	108.08%	
50) Toluene-d8	9.44	98	1728476	53.15	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	106.30%	
62) 4-Bromofluorobenzene	12.42	95	675354	51.13	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.56	85	170831	16.50	ug/l	96
3) Chloromethane	1.72	50	143689	15.32	ug/l	95
4) Vinyl Chloride	1.82	62	119545	16.26	ug/l	98
5) Bromomethane	2.11	94	10476	8.25	ug/l	87
6) Chloroethane	2.21	64	30979	11.64	ug/l	96
7) Trichlorofluoromethane	2.46	101	161548	18.99	ug/l	98
8) Diethyl Ether	2.80	74	33167	17.38	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.04	101	107609	20.66	ug/l	93
10) Methyl Iodide	3.20	142	73284	15.76	ug/l	99
11) Tert butyl alcohol	3.95	59	71074	95.44	ug/l	98
12) 1,1-Dichloroethene	3.03	96	75832	18.70	ug/l	94
13) Acrolein	2.95	56	16744	51.84	ug/l	98
14) Allyl chloride	3.49	41	168718	18.39	ug/l	92
15) Acrylonitrile	4.05	53	280660	100.64	ug/l	99
16) Acetone	3.13	43	149637	84.15	ug/l	99
17) Carbon Disulfide	3.27	76	177073	14.07	ug/l	98
18) Methyl Acetate	3.51	43	67164	18.09	ug/l	100
19) Methyl tert-butyl Ether	4.09	73	439130	19.14	ug/l	99
20) Methylene Chloride	3.67	84	287932	22.19	ug/l	95
21) trans-1,2-Dichloroethene	4.06	96	205866	18.42	ug/l	98
22) Diisopropyl ether	4.82	45	921787	19.70	ug/l	95
23) Vinyl Acetate	4.76	43	2643164	101.05	ug/l	100
24) 1,1-Dichloroethane	4.72	63	398958	19.74	ug/l	99
25) 2-Butanone	5.59	43	462647	87.85	ug/l	96
26) 2,2-Dichloropropane	5.55	77	330378	19.55	ug/l	99
27) cis-1,2-Dichloroethene	5.55	96	248102	20.28	ug/l	99
28) Bromochloromethane	5.90	49	201515	20.80	ug/l	90
29) Tetrahydrofuran	5.93	42	251776	100.42	ug/l	99
30) Chloroform	6.07	83	418247	20.36	ug/l	100
31) Cyclohexane	6.33	56	315278	16.97	ug/l	98
32) 1,1,1-Trichloroethane	6.26	97	323847	18.57	ug/l	98
36) 1,1-Dichloropropene	6.49	75	288668	21.31	ug/l	98
37) Ethyl Acetate	5.67	43	224783	21.32	ug/l #	97
38) Carbon Tetrachloride	6.47	117	276528	20.22	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.01	83	291326	19.90	µg/l	96
40) Benzene	6.76	78	778611	22.10	µg/l	98
41) Methacrylonitrile	5.89	41	99889m	18.81	µg/l	
42) 1,2-Dichloroethane	6.86	62	239930	21.21	µg/l	100
43) Isopropyl Acetate	8.33	43	288074	21.00	µg/l	98
44) Trichloroethene	7.72	130	226526	21.84	µg/l	97
45) 1,2-Dichloropropane	8.08	63	219357	22.28	µg/l	98
46) Dibromomethane	8.19	93	137047	21.64	µg/l	97
47) Bromodichloromethane	8.46	83	310104	21.63	µg/l	99
48) Methyl methacrylate	8.22	41	166526	20.83	µg/l	96
49) 1,4-Dioxane	8.21	88	31052	435.00	µg/l #	89
51) 4-Methyl-2-Pentanone	9.32	43	968434	94.71	µg/l	96
52) Toluene	9.53	92	481480	21.31	µg/l	99
53) t-1,3-Dichloropropene	9.90	75	276990	20.89	µg/l	97
54) cis-1,3-Dichloropropene	9.08	75	328025	21.34	µg/l	96
55) 1,1,2-Trichloroethane	10.17	97	179739	21.77	µg/l	99
56) Ethyl methacrylate	10.01	69	207515	21.77	µg/l	98
57) 1,3-Dichloropropane	10.36	76	274164	22.94	µg/l	99
58) 2-Chloroethyl Vinyl ether	8.90	63	550295	120.37	µg/l	100
59) 2-Hexanone	10.47	43	710784	94.24	µg/l	98
60) Dibromochloromethane	10.62	129	211675	20.39	µg/l	98
61) 1,2-Dibromoethane	10.75	107	173195	20.74	µg/l	99
64) Tetrachloroethene	10.24	164	203003	19.90	µg/l	99
65) Chlorobenzene	11.30	112	565793	21.58	µg/l	99
66) 1,1,1,2-Tetrachloroethane	11.41	131	205146	21.41	µg/l	98
67) Ethyl Benzene	11.42	91	951834	21.58	µg/l	100
68) m/p-Xylenes	11.55	106	691451	43.05	µg/l	93
69) o-Xylene	11.92	106	336074	21.39	µg/l	91
70) Styrene	11.95	104	584442	21.49	µg/l	100
71) Bromoform	12.11	173	152715	18.42	µg/l	98
73) Isopropylbenzene	12.26	105	940542	20.44	µg/l	99
74) N-amyl acetate	12.13	43	379241	18.82	µg/l	98
75) 1,1,2,2-Tetrachloroethane	12.55	83	217139	20.40	µg/l	98
76) 1,2,3-Trichloropropane	12.59	75	216090	19.29	µg/l	98
77) Bromobenzene	12.53	156	272849	21.39	µg/l	94
78) n-propylbenzene	12.63	91	1201298	20.62	µg/l	99
79) 2-Chlorotoluene	12.70	91	648456	19.68	µg/l	98
80) 1,3,5-Trimethylbenzene	12.78	105	738026	20.18	µg/l	100
81) trans-1,4-Dichloro-2-buten	12.33	75	60408	17.34	µg/l	97
82) 4-Chlorotoluene	12.80	91	763868	20.33	µg/l	98
83) tert-Butylbenzene	13.04	119	847352	20.33	µg/l	98
84) 1,2,4-Trimethylbenzene	13.08	105	759371	19.92	µg/l	98
85) sec-Butylbenzene	13.22	105	997396	20.35	µg/l	95
86) p-Isopropyltoluene	13.34	119	817011	20.50	µg/l	100
87) 1,3-Dichlorobenzene	13.31	146	481400	21.14	µg/l	98
88) 1,4-Dichlorobenzene	13.38	146	480396	21.14	µg/l	98
89) n-Butylbenzene	13.64	91	882346	20.50	µg/l	98
90) Hexachloroethane	13.85	117	181164	16.93	µg/l	97
91) 1,2-Dichlorobenzene	13.65	146	438695	22.65	µg/l	97
92) 1,2-Dibromo-3-Chloropropan	14.22	75	29035	17.74	µg/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.78	180	336626	20.30	ug/l	98
94) Hexachlorobutadiene	14.87	225	225845	20.78	ug/l	98
95) Naphthalene	14.96	128	513179	20.25	ug/l	99
96) 1,2,3-Trichlorobenzene	15.11	180	292037	20.59	ug/l	98

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

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