

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112918\
 Data File : VD060460.D
 Acq On : 29 Nov 2018 11:40
 Operator : VA/AP
 Sample : VD1129SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1129SBS01

Quant Time: Nov 30 04:52:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1377601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	1928694	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1550858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	747667	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	496779	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
35) Dibromofluoromethane	6.34	113	744912	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
50) Toluene-d8	9.47	98	2088923	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.43	95	778521	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.61	85	271040	22.570	ug/l	99
3) Chloromethane	1.77	50	272581	20.889	ug/l	97
4) Vinyl Chloride	1.87	62	232120	21.781	ug/l	93
5) Bromomethane	2.17	94	42422	16.779	ug/l	92
6) Chloroethane	2.28	64	67726	19.153	ug/l	93
7) Trichlorofluoromethane	2.52	101	271133	21.580	ug/l	100
8) Diethyl Ether	2.85	74	48124	21.156	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.11	101	185820	22.486	ug/l	96
10) Methyl Iodide	3.27	142	204718	19.074	ug/l	99
11) Tert butyl alcohol	3.99	59	38284	94.518	ug/l	97
12) 1,1-Dichloroethene	3.09	96	149325	22.215	ug/l	97
13) Acrolein	3.00	56	35653	74.494	ug/l	99
14) Allyl chloride	3.56	41	292174	22.717	ug/l	95
15) Acrylonitrile	4.11	53	254554	107.770	ug/l	98
16) Acetone	3.17	43	201389	117.703	ug/l	99
17) Carbon Disulfide	3.34	76	432047	19.913	ug/l	99
18) Methyl Acetate	3.57	43	82859	22.712	ug/l	93
19) Methyl tert-butyl Ether	4.15	73	437475	21.735	ug/l	98
20) Methylene Chloride	3.74	84	340427	22.429	ug/l	99
21) trans-1,2-Dichloroethene	4.12	96	324274	21.727	ug/l	99
22) Diisopropyl ether	4.87	45	1064716	22.158	ug/l	98
23) Vinyl Acetate	4.82	43	2672763	111.787	ug/l	99
24) 1,1-Dichloroethane	4.78	63	542815	22.029	ug/l	100
25) 2-Butanone	5.63	43	374362	105.264	ug/l	100
26) 2,2-Dichloropropane	5.60	77	436545	22.788	ug/l	96
27) cis-1,2-Dichloroethene	5.61	96	342838	22.050	ug/l	96
28) Bromochloromethane	5.94	49	233220	21.451	ug/l	95
29) Tetrahydrofuran	5.97	42	196363	104.725	ug/l	99
30) Chloroform	6.11	83	551047	22.370	ug/l	100
31) Cyclohexane	6.38	56	496357	21.076	ug/l	98
32) 1,1,1-Trichloroethane	6.31	97	459736	22.156	ug/l	100
36) 1,1-Dichloropropene	6.54	75	403826	21.193	ug/l	99
37) Ethyl Acetate	5.71	43	184279	21.017	ug/l #	95
38) Carbon Tetrachloride	6.52	117	384730	21.766	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.05	83	455708	20.794	ug/l	98
40) Benzene	6.81	78	1047174	21.529	ug/l	100
41) Methacrylonitrile	5.97	41	215633	21.487	ug/l #	95
42) 1,2-Dichloroethane	6.91	62	270481	21.246	ug/l	97
43) Isopropyl Acetate	8.36	43	223769	20.317	ug/l #	99
44) Trichloroethene	7.76	130	321688	21.818	ug/l	100
45) 1,2-Dichloropropane	8.11	63	260056	21.200	ug/l	99
46) Dibromomethane	8.23	93	155120	21.591	ug/l	98
47) Bromodichloromethane	8.51	83	366232	21.632	ug/l	99
48) Methyl methacrylate	8.26	41	141175	21.102	ug/l	95
49) 1,4-Dioxane	8.24	88	24405	421.613	ug/l	97
51) 4-Methyl-2-Pentanone	9.35	43	761800	106.270	ug/l	99
52) Toluene	9.56	92	670283	21.573	ug/l	97
53) t-1,3-Dichloropropene	9.93	75	303698	21.231	ug/l	99
54) cis-1,3-Dichloropropene	9.12	75	385550	21.014	ug/l	97
55) 1,1,2-Trichloroethane	10.19	97	185072	20.552	ug/l	99
56) Ethyl methacrylate	10.04	69	180409	21.789	ug/l	97
57) 1,3-Dichloropropane	10.39	76	286117	20.851	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.93	63	567800	113.415	ug/l	96
59) 2-Hexanone	10.49	43	554628	108.553	ug/l	99
60) Dibromochloromethane	10.65	129	241172	22.032	ug/l	96
61) 1,2-Dibromoethane	10.77	107	197132	21.848	ug/l	99
64) Tetrachloroethene	10.26	164	303322	21.908	ug/l	97
65) Chlorobenzene	11.32	112	744995	22.171	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.43	131	248499	22.602	ug/l	97
67) Ethyl Benzene	11.44	91	1314107	22.861	ug/l	100
68) m/p-Xylenes	11.58	106	952880	44.938	ug/l	97
69) o-Xylene	11.94	106	448988	21.918	ug/l	97
70) Styrene	11.96	104	720912	21.776	ug/l	98
71) Bromoform	12.13	173	156785	21.222	ug/l	96
73) Isopropylbenzene	12.28	105	1280291	23.503	ug/l	99
74) N-amyl acetate	12.14	43	300937	21.548	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.57	83	196263	22.030	ug/l	97
76) 1,2,3-Trichloropropane	12.60	75	194127	21.705	ug/l	98
77) Bromobenzene	12.55	156	325732	22.512	ug/l	89
78) n-propylbenzene	12.65	91	1627434	23.935	ug/l	99
79) 2-Chlorotoluene	12.71	91	886650	23.810	ug/l	94
80) 1,3,5-Trimethylbenzene	12.80	105	993672	23.472	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.34	75	55353	21.739	ug/l	92
82) 4-Chlorotoluene	12.82	91	999861	23.902	ug/l	94
83) tert-Butylbenzene	13.05	119	1121577	23.863	ug/l	94
84) 1,2,4-Trimethylbenzene	13.10	105	1001103	23.679	ug/l	98
85) sec-Butylbenzene	13.23	105	1360375	23.592	ug/l	98
86) p-Isopropyltoluene	13.35	119	1100034	23.689	ug/l	97
87) 1,3-Dichlorobenzene	13.32	146	583022	22.648	ug/l	97
88) 1,4-Dichlorobenzene	13.40	146	561299	22.325	ug/l	97
89) n-Butylbenzene	13.65	91	1152465	22.903	ug/l	97
90) Hexachloroethane	13.86	117	268526	24.387	ug/l	84
91) 1,2-Dichlorobenzene	13.66	146	504805	23.874	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.23	75	24090	22.401	ug/l	81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	381990	22.785	ug/l	98
94) Hexachlorobutadiene	14.88	225	285184	22.742	ug/l	98
95) Naphthalene	14.97	128	443923	21.685	ug/l	99
96) 1,2,3-Trichlorobenzene	15.12	180	311912	23.218	ug/l	96

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

