

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032519\
 Data File : VD061318.D
 Acq On : 26 Mar 2019 1:04
 Operator : VA/AP
 Sample : VD0325SBS02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0325SBS02

Quant Time: Mar 26 04:31:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 03:31:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	598078	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.21	114	1010115	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	921986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	396180	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	294785	57.13	ug/l	-0.01
Spiked Amount			Recovery	=	114.26%	
35) Dibromofluoromethane	6.92	113	426195	55.14	ug/l	-0.01
Spiked Amount			Recovery	=	110.28%	
50) Toluene-d8	10.41	98	1099148	58.65	ug/l	0.00
Spiked Amount			Recovery	=	117.30%	
62) 4-Bromofluorobenzene	13.55	95	386692	52.89	ug/l	0.00
Spiked Amount			Recovery	=	105.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	128869	21.075	ug/l	96
3) Chloromethane	1.76	50	110720	23.211	ug/l	98
4) Vinyl Chloride	1.85	62	97048	21.759	ug/l	99
5) Bromomethane	2.15	94	19478	21.517	ug/l	88
6) Chloroethane	2.26	64	24781	17.661	ug/l	96
7) Trichlorofluoromethane	2.52	101	126849	19.241	ug/l	94
8) Diethyl Ether	2.88	74	51957	26.506	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.15	101	155536	23.179	ug/l	97
10) Methyl Iodide	3.31	142	165345	17.637	ug/l	95
11) Tert butyl alcohol	4.07	59	34818	126.757	ug/l #	95
12) 1,1-Dichloroethene	3.12	96	138484	23.984	ug/l	95
13) Acrolein	3.03	56	37933	126.163	ug/l	93
14) Allyl chloride	3.62	41	193588	23.635	ug/l	94
15) Acrylonitrile	4.20	53	123188	127.522	ug/l	93
16) Acetone	3.22	43	123420	99.996	ug/l	96
17) Carbon Disulfide	3.38	76	442784	23.090	ug/l	97
18) Methyl Acetate	3.64	43	64525	27.658	ug/l	97
19) Methyl tert-butyl Ether	4.24	73	254960	25.073	ug/l	100
20) Methylene Chloride	3.81	84	169041	24.131	ug/l	96
21) trans-1,2-Dichloroethene	4.22	96	152162	23.556	ug/l	92
22) Diisopropyl ether	5.11	45	420009	24.342	ug/l	93
23) Vinyl Acetate	5.05	43	1149334	124.715	ug/l	100
24) 1,1-Dichloroethane	4.98	63	243958	24.262	ug/l	99
25) 2-Butanone	6.07	43	171248	119.956	ug/l	97
26) 2,2-Dichloropropane	6.02	77	173885	20.366	ug/l	94
27) cis-1,2-Dichloroethene	6.04	96	169372	24.366	ug/l	98
28) Bromochloromethane	6.43	49	101450	24.105	ug/l	94
29) Tetrahydrofuran	6.45	42	93366	131.394	ug/l	99
30) Chloroform	6.66	83	252299	23.546	ug/l	96
31) Cyclohexane	6.95	56	174286	21.356	ug/l	99
32) 1,1,1-Trichloroethane	6.87	97	200821	21.162	ug/l	98
36) 1,1-Dichloropropene	7.14	75	179075	21.668	ug/l	98
37) Ethyl Acetate	6.18	43	78578	22.764	ug/l	97
38) Carbon Tetrachloride	7.11	117	206162	21.826	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	195610	22.854	ug/l	99
40) Benzene	7.45	78	486276	23.692	ug/l	98
41) Methacrylonitrile	6.44	41	98489	24.553	ug/l	99
42) 1,2-Dichloroethane	7.57	62	152993	23.917	ug/l	97
43) Isopropyl Acetate	9.24	43	129186	25.956	ug/l #	99
44) Trichloroethene	8.54	130	181181	24.408	ug/l	97
45) 1,2-Dichloropropane	8.93	63	123039	24.288	ug/l	97
46) Dibromomethane	9.06	93	82253	23.688	ug/l	91
47) Bromodichloromethane	9.37	83	191543	23.535	ug/l	99
48) Methyl methacrylate	9.12	41	68225	25.682	ug/l	96
49) 1,4-Dioxane	9.07	88	16147	553.981	ug/l #	86
51) 4-Methyl-2-Pentanone	10.30	43	382190	128.992	ug/l	99
52) Toluene	10.51	92	299357	23.837	ug/l	98
53) t-1,3-Dichloropropene	10.91	75	173112	24.475	ug/l	99
54) cis-1,3-Dichloropropene	10.03	75	198893	23.028	ug/l	100
55) 1,1,2-Trichloroethane	11.19	97	110232	26.438	ug/l	98
56) Ethyl methacrylate	11.04	69	118309	26.591	ug/l	99
57) 1,3-Dichloropropane	11.40	76	144675	22.975	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.86	63	321313	138.818	ug/l	98
59) 2-Hexanone	11.53	43	271694	126.256	ug/l	99
60) Dibromochloromethane	11.68	129	162793	24.929	ug/l	96
61) 1,2-Dibromoethane	11.80	107	127434	26.158	ug/l	99
64) Tetrachloroethene	11.25	164	141095	22.215	ug/l	98
65) Chlorobenzene	12.40	112	389119	22.913	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.51	131	147220	22.360	ug/l	99
67) Ethyl Benzene	12.51	91	559081	21.512	ug/l	98
68) m/p-Xylenes	12.66	106	405525	39.973	ug/l	100
69) o-Xylene	13.05	106	213729	22.715	ug/l	100
70) Styrene	13.07	104	380933	23.855	ug/l	97
71) Bromoform	13.23	173	88160	21.881	ug/l	98
73) Isopropylbenzene	13.40	105	570068	22.123	ug/l	98
74) N-amyl acetate	13.26	43	150967	22.393	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.70	83	121229	24.260	ug/l	97
76) 1,2,3-Trichloropropane	13.73	75	113658	23.069	ug/l	99
77) Bromobenzene	13.67	156	161826	22.482	ug/l	96
78) n-propylbenzene	13.78	91	716851	24.658	ug/l	93
79) 2-Chlorotoluene	13.83	91	386573	22.838	ug/l	98
80) 1,3,5-Trimethylbenzene	14.24	105	500198	24.606	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.47	75	38361	24.671	ug/l	97
82) 4-Chlorotoluene	13.94	91	448686	24.247	ug/l	98
83) tert-Butylbenzene	14.19	119	554550	23.892	ug/l	98
84) 1,2,4-Trimethylbenzene	14.24	105	500198	24.606	ug/l	99
85) sec-Butylbenzene	14.37	105	536203	20.744	ug/l	98
86) p-Isopropyltoluene	14.48	119	504589	21.881	ug/l	99
87) 1,3-Dichlorobenzene	14.45	146	269698	21.139	ug/l	100
88) 1,4-Dichlorobenzene	14.53	146	289660	23.438	ug/l	98
89) n-Butylbenzene	14.80	91	449206	21.940	ug/l	96
90) Hexachloroethane	15.01	117	129005	20.864	ug/l	93
91) 1,2-Dichlorobenzene	14.81	146	251565	24.711	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	15426	24.704	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	132765	28.238	ug/l	98
94) Hexachlorobutadiene	16.04	225	92566	24.434	ug/l	96
95) Naphthalene	16.12	128	206904	30.160	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	74138	33.761	ug/l	97

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

