

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040519\
 Data File : VD061626.D
 Acq On : 5 Apr 2019 17:40
 Operator : VA/AP
 Sample : VD0405SBS01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0405SBS01

Quant Time: Apr 06 00:27:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	468273	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.20	114	800165	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.35	117	682710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	320643	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	251324	62.83	ug/l	0.00
Spiked Amount			Recovery	=	125.66%	
35) Dibromofluoromethane	6.91	113	362502	59.28	ug/l	0.01
Spiked Amount			Recovery	=	118.56%	
50) Toluene-d8	10.40	98	798483	54.45	ug/l	0.01
Spiked Amount			Recovery	=	108.90%	
62) 4-Bromofluorobenzene	13.55	95	340799	60.60	ug/l	0.00
Spiked Amount			Recovery	=	121.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	112789	22.554	ug/l	98
3) Chloromethane	1.75	50	96879	23.753	ug/l	99
4) Vinyl Chloride	1.85	62	88905	23.741	ug/l	96
5) Bromomethane	2.15	94	17775	23.937	ug/l	94
6) Chloroethane	2.25	64	24238	22.071	ug/l #	85
7) Trichlorofluoromethane	2.52	101	141920	26.062	ug/l	99
8) Diethyl Ether	2.86	74	40003	22.816	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.14	101	140347	23.973	ug/l	97
10) Methyl Iodide	3.30	142	165435	20.766	ug/l	98
11) Tert butyl alcohol	4.05	59	31061	124.684	ug/l	99
12) 1,1-Dichloroethene	3.12	96	121630	24.199	ug/l	94
13) Acrolein	3.01	56	14763	60.401	ug/l	98
14) Allyl chloride	3.60	41	153976	21.964	ug/l	94
15) Acrylonitrile	4.18	53	102530	118.581	ug/l	98
16) Acetone	3.21	43	124470	121.043	ug/l	97
17) Carbon Disulfide	3.37	76	344601	21.102	ug/l	100
18) Methyl Acetate	3.62	43	57785	26.727	ug/l	98
19) Methyl tert-butyl Ether	4.22	73	212437	24.417	ug/l	98
20) Methylene Chloride	3.80	84	140607	23.387	ug/l	94
21) trans-1,2-Dichloroethene	4.20	96	124968	23.029	ug/l	95
22) Diisopropyl ether	5.10	45	357580	24.103	ug/l	100
23) Vinyl Acetate	5.03	43	954119	118.400	ug/l	97
24) 1,1-Dichloroethane	4.96	63	212286	24.349	ug/l	99
25) 2-Butanone	6.04	43	160512	124.089	ug/l	99
26) 2,2-Dichloropropane	6.01	77	173678	25.059	ug/l	99
27) cis-1,2-Dichloroethene	6.01	96	145089	24.403	ug/l	93
28) Bromochloromethane	6.41	49	79676	22.639	ug/l	86
29) Tetrahydrofuran	6.43	42	75142	119.850	ug/l	99
30) Chloroform	6.64	83	237581	26.373	ug/l	99
31) Cyclohexane	6.94	56	150565	21.854	ug/l	98
32) 1,1,1-Trichloroethane	6.85	97	195000	24.536	ug/l	98
36) 1,1-Dichloropropene	7.13	75	172470	24.696	ug/l	97
37) Ethyl Acetate	6.16	43	71757	24.025	ug/l	98
38) Carbon Tetrachloride	7.09	117	195446	24.355	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	161303	22.177	ug/l	98
40) Benzene	7.43	78	418680	23.888	ug/l	96
41) Methacrylonitrile	6.42	41	87420	25.033	ug/l #	92
42) 1,2-Dichloroethane	7.56	62	140604	26.819	ug/l	96
43) Isopropyl Acetate	9.21	43	100776	23.190	ug/l	97
44) Trichloroethene	8.53	130	149775	22.962	ug/l	97
45) 1,2-Dichloropropane	8.92	63	102509	23.065	ug/l	99
46) Dibromomethane	9.05	93	78116	26.114	ug/l	97
47) Bromodichloromethane	9.35	83	158585	23.620	ug/l	99
48) Methyl methacrylate	9.11	41	59504	24.811	ug/l	97
49) 1,4-Dioxane	9.06	88	12420	469.510	ug/l	96
51) 4-Methyl-2-Pentanone	10.28	43	322842	122.110	ug/l	96
52) Toluene	10.49	92	281477	26.324	ug/l	99
53) t-1,3-Dichloropropene	10.90	75	151637	24.858	ug/l	99
54) cis-1,3-Dichloropropene	10.02	75	165798	22.321	ug/l	98
55) 1,1,2-Trichloroethane	11.17	97	89041	23.811	ug/l	96
56) Ethyl methacrylate	11.03	69	103650	25.801	ug/l	98
57) 1,3-Dichloropropane	11.39	76	141054	25.663	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.84	63	269554	137.783	ug/l	95
59) 2-Hexanone	11.52	43	251190	131.132	ug/l	99
60) Dibromochloromethane	11.67	129	146267	25.372	ug/l	98
61) 1,2-Dibromoethane	11.79	107	108294	25.009	ug/l	94
64) Tetrachloroethene	11.24	164	122893	22.936	ug/l	97
65) Chlorobenzene	12.38	112	340970	24.438	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.50	131	134944	24.979	ug/l	98
67) Ethyl Benzene	12.51	91	540028	25.358	ug/l	96
68) m/p-Xylenes	12.66	106	400820	49.685	ug/l	93
69) o-Xylene	13.03	106	169103	21.601	ug/l	92
70) Styrene	13.06	104	297760	21.819	ug/l	98
71) Bromoform	13.22	173	83514	24.387	ug/l #	96
73) Isopropylbenzene	13.39	105	567112	25.412	ug/l	97
74) N-amyl acetate	13.25	43	128138	20.612	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.69	83	105727	22.459	ug/l	97
76) 1,2,3-Trichloropropane	13.72	75	103632	22.374	ug/l	99
77) Bromobenzene	13.66	156	144082	21.778	ug/l	82
78) n-propylbenzene	13.76	91	581874	21.306	ug/l	94
79) 2-Chlorotoluene	13.83	91	344253	23.215	ug/l	99
80) 1,3,5-Trimethylbenzene	13.92	105	423646	24.467	ug/l	94
81) trans-1,4-Dichloro-2-buten	13.47	75	32717	23.167	ug/l	96
82) 4-Chlorotoluene	13.94	91	404475	25.086	ug/l	96
83) tert-Butylbenzene	14.18	119	484844	22.406	ug/l	95
84) 1,2,4-Trimethylbenzene	14.23	105	443374	23.652	ug/l	98
85) sec-Butylbenzene	14.35	105	506442	22.031	ug/l	97
86) p-Isopropyltoluene	14.48	119	436244	22.442	ug/l	99
87) 1,3-Dichlorobenzene	14.45	146	257476	22.982	ug/l	95
88) 1,4-Dichlorobenzene	14.53	146	247464	22.650	ug/l	99
89) n-Butylbenzene	14.79	91	406596	22.789	ug/l	98
90) Hexachloroethane	15.00	117	113431	20.655	ug/l	91
91) 1,2-Dichlorobenzene	14.80	146	222623	24.226	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.38	75	12455	22.558	ug/l #	57

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	94937	22.679	ug/l	98
94) Hexachlorobutadiene	16.03	225	69855	21.355	ug/l	97
95) Naphthalene	16.12	128	172592	27.049	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	49933	27.107	ug/l	92

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

