

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041719\
 Data File : VD061849.D
 Acq On : 17 Apr 2019 13:35
 Operator : VA/AP
 Sample : VD0417SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0417SBS01

Quant Time: Apr 17 14:01:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	613045	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	8.21	114	1029403	50.00	ug/l	-0.05
63) Chlorobenzene-d5	12.36	117	800972	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	14.51	152	355385	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	272660	53.07	ug/l	-0.05
Spiked Amount						
			Recovery	=	106.14%	
35) Dibromofluoromethane	6.92	113	381437	49.05	ug/l	-0.05
Spiked Amount						
			Recovery	=	98.10%	
50) Toluene-d8	10.41	98	888052	48.19	ug/l	-0.04
Spiked Amount						
			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	13.55	95	296390	39.68	ug/l	-0.03
Spiked Amount						
			Recovery	=	79.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	112185	18.749	ug/l	100
3) Chloromethane	1.76	50	106199	22.271	ug/l	95
4) Vinyl Chloride	1.85	62	86432	18.263	ug/l	98
5) Bromomethane	2.15	94	22712	19.173	ug/l	99
6) Chloroethane	2.26	64	32116	19.892	ug/l	91
7) Trichlorofluoromethane	2.52	101	150933	19.664	ug/l	97
8) Diethyl Ether	2.87	74	45755	22.746	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.15	101	144013	21.043	ug/l	96
10) Methyl Iodide	3.30	142	175135	18.417	ug/l	96
11) Tert butyl alcohol	4.05	59	36844	121.600	ug/l	97
12) 1,1-Dichloroethene	3.12	96	119883	20.836	ug/l	97
13) Acrolein	3.04	56	31713	108.116	ug/l	91
14) Allyl chloride	3.62	41	186086	23.728	ug/l	99
15) Acrylonitrile	4.19	53	114768	120.654	ug/l	97
16) Acetone	3.22	43	139157	109.893	ug/l	99
17) Carbon Disulfide	3.37	76	378612	20.366	ug/l	100
18) Methyl Acetate	3.64	43	63851	25.157	ug/l	94
19) Methyl tert-butyl Ether	4.23	73	244309	22.753	ug/l	98
20) Methylene Chloride	3.81	84	184045	27.143	ug/l	98
21) trans-1,2-Dichloroethene	4.22	96	140946	22.291	ug/l	99
22) Diisopropyl ether	5.11	45	408522	24.369	ug/l	100
23) Vinyl Acetate	5.04	43	1049588	117.123	ug/l	98
24) 1,1-Dichloroethane	4.99	63	238879	23.503	ug/l	98
25) 2-Butanone	6.07	43	170471	118.248	ug/l	97
26) 2,2-Dichloropropane	6.02	77	196395	22.355	ug/l	96
27) cis-1,2-Dichloroethene	6.03	96	157860	23.030	ug/l	97
28) Bromochloromethane	6.43	49	89336	23.140	ug/l	94
29) Tetrahydrofuran	6.45	42	80017	113.944	ug/l	98
30) Chloroform	6.66	83	254212	22.424	ug/l	99
31) Cyclohexane	6.95	56	169138	21.738	ug/l	98
32) 1,1,1-Trichloroethane	6.87	97	226827	22.571	ug/l	99
36) 1,1-Dichloropropene	7.14	75	185950	22.106	ug/l	98
37) Ethyl Acetate	6.18	43	79153	21.986	ug/l	98
38) Carbon Tetrachloride	7.11	117	212275	19.985	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	173564	19.869	ug/l	95
40) Benzene	7.45	78	474771	23.509	ug/l	99
41) Methacrylonitrile	6.43	41	93041	21.865	ug/l #	90
42) 1,2-Dichloroethane	7.57	62	161980	23.030	ug/l	94
43) Isopropyl Acetate	9.24	43	118971	23.483	ug/l	100
44) Trichloroethene	8.54	130	171276	22.031	ug/l	100
45) 1,2-Dichloropropane	8.93	63	109895	20.891	ug/l	97
46) Dibromomethane	9.06	93	80959	21.599	ug/l	90
47) Bromodichloromethane	9.37	83	184400	21.325	ug/l	99
48) Methyl methacrylate	9.11	41	64095	21.522	ug/l	97
49) 1,4-Dioxane	9.07	88	15369	472.156	ug/l	93
51) 4-Methyl-2-Pentanone	10.29	43	383449	123.763	ug/l	99
52) Toluene	10.51	92	277925	21.475	ug/l	100
53) t-1,3-Dichloropropene	10.91	75	171210	21.973	ug/l	98
54) cis-1,3-Dichloropropene	10.04	75	196855	21.523	ug/l	99
55) 1,1,2-Trichloroethane	11.19	97	101601	23.299	ug/l	98
56) Ethyl methacrylate	11.04	69	103486	21.622	ug/l	99
57) 1,3-Dichloropropane	11.40	76	147384	22.481	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.85	63	240064	105.452	ug/l	96
59) 2-Hexanone	11.52	43	263474	114.496	ug/l	100
60) Dibromochloromethane	11.68	129	154667	21.676	ug/l	98
61) 1,2-Dibromoethane	11.80	107	120048	22.388	ug/l	98
64) Tetrachloroethene	11.26	164	135175	22.503	ug/l	97
65) Chlorobenzene	12.40	112	337255	22.609	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.51	131	141126	22.576	ug/l	98
67) Ethyl Benzene	12.52	91	545713	22.844	ug/l	99
68) m/p-Xylenes	12.66	106	417810	46.562	ug/l	99
69) o-Xylene	13.05	106	188236	22.318	ug/l	99
70) Styrene	13.07	104	332071	22.880	ug/l	98
71) Bromoform	13.22	173	83419	22.482	ug/l	96
73) Isopropylbenzene	13.40	105	547719	23.764	ug/l	98
74) N-amyl acetate	13.26	43	147218	23.754	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.70	83	112006	24.585	ug/l	98
76) 1,2,3-Trichloropropane	13.73	75	110300	23.633	ug/l	98
77) Bromobenzene	13.67	156	153626	23.465	ug/l	98
78) n-propylbenzene	13.77	91	691021	25.950	ug/l	98
79) 2-Chlorotoluene	13.84	91	335195	21.548	ug/l	98
80) 1,3,5-Trimethylbenzene	13.93	105	417280	22.818	ug/l	95
81) trans-1,4-Dichloro-2-buten	13.47	75	33301	23.873	ug/l	95
82) 4-Chlorotoluene	13.94	91	421293	23.661	ug/l	98
83) tert-Butylbenzene	14.19	119	497388	23.163	ug/l	94
84) 1,2,4-Trimethylbenzene	14.23	105	452488	24.615	ug/l	95
85) sec-Butylbenzene	14.37	105	548510	24.710	ug/l	97
86) p-Isopropyltoluene	14.48	119	466818	22.476	ug/l	96
87) 1,3-Dichlorobenzene	14.46	146	252177	22.064	ug/l	96
88) 1,4-Dichlorobenzene	14.53	146	268763	23.788	ug/l	97
89) n-Butylbenzene	14.79	91	463218	25.196	ug/l	96
90) Hexachloroethane	15.01	117	126511	22.348	ug/l	87
91) 1,2-Dichlorobenzene	14.80	146	231512	24.182	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.38	75	14640	26.105	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	109320	20.790	ug/l	96
94) Hexachlorobutadiene	16.03	225	79902	20.968	ug/l	95
95) Naphthalene	16.12	128	181697	22.544	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	66304	22.127	ug/l	95

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

