

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
 Data File : VD061824.D
 Acq On : 16 Apr 2019 22:37
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 17 01:35:03 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	7.06	168	601202	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.23	114	1006097	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.37	117	808722	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.52	152	364347	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	263673	52.33	ug/l	-0.04
Spiked Amount						
			Recovery	=	104.66%	
35) Dibromofluoromethane	6.93	113	378870	49.84	ug/l	-0.04
Spiked Amount						
			Recovery	=	99.68%	
50) Toluene-d8	10.41	98	904380	50.21	ug/l	-0.04
Spiked Amount						
			Recovery	=	100.42%	
62) 4-Bromofluorobenzene	13.55	95	358240	49.08	ug/l	-0.03
Spiked Amount						
			Recovery	=	98.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	258592	44.069	ug/l	100
3) Chloromethane	1.76	50	211744	45.279	ug/l	92
4) Vinyl Chloride	1.86	62	205971	44.379	ug/l	99
5) Bromomethane	2.16	94	59258	57.613	ug/l	94
6) Chloroethane	2.28	64	73782	46.600	ug/l	98
7) Trichlorofluoromethane	2.54	101	318403	42.300	ug/l	97
8) Diethyl Ether	2.88	74	93612	47.454	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.17	101	294241	43.840	ug/l	98
10) Methyl Iodide	3.32	142	448384	42.421	ug/l	97
11) Tert butyl alcohol	4.06	59	70792	238.244	ug/l #	95
12) 1,1-Dichloroethene	3.14	96	248217	43.991	ug/l	96
13) Acrolein	3.04	56	94049	326.948	ug/l	94
14) Allyl chloride	3.63	41	360954	46.932	ug/l	99
15) Acrylonitrile	4.20	53	207178	222.094	ug/l	98
16) Acetone	3.23	43	250307	201.562	ug/l	95
17) Carbon Disulfide	3.38	76	795265	43.622	ug/l	100
18) Methyl Acetate	3.64	43	108443	43.568	ug/l	98
19) Methyl tert-butyl Ether	4.24	73	475217	45.130	ug/l	99
20) Methylene Chloride	3.83	84	293363	47.276	ug/l	97
21) trans-1,2-Dichloroethene	4.23	96	269524	43.465	ug/l	96
22) Diisopropyl ether	5.13	45	721701	43.899	ug/l	95
23) Vinyl Acetate	5.07	43	2056007	233.949	ug/l	97
24) 1,1-Dichloroethane	4.99	63	442044	44.348	ug/l	99
25) 2-Butanone	6.07	43	320592	226.760	ug/l	100
26) 2,2-Dichloropropane	6.03	77	378220	43.900	ug/l	95
27) cis-1,2-Dichloroethene	6.05	96	323009	48.052	ug/l	93
28) Bromochloromethane	6.45	49	200810	53.039	ug/l	94
29) Tetrahydrofuran	6.47	42	170458	247.514	ug/l	99
30) Chloroform	6.67	83	497817	44.777	ug/l	96
31) Cyclohexane	6.97	56	349668	45.825	ug/l	99
32) 1,1,1-Trichloroethane	6.88	97	439585	44.604	ug/l	97
36) 1,1-Dichloropropene	7.16	75	355265	43.212	ug/l	98
37) Ethyl Acetate	6.19	43	156771	44.554	ug/l	96
38) Carbon Tetrachloride	7.12	117	497812	47.953	ug/l	97

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39) Methylcyclohexane	8.88	83	372558	43.638	ug/l	96
40) Benzene	7.46	78	928150	47.024	ug/l	97
41) Methacrylonitrile	6.46	41	196345	47.210	ug/l	95
42) 1,2-Dichloroethane	7.59	62	314065	45.687	ug/l	99
43) Isopropyl Acetate	9.24	43	237834	48.031	ug/l #	99
44) Trichloroethene	8.54	130	348001	45.800	ug/l	98
45) 1,2-Dichloropropane	8.95	63	238700	46.428	ug/l	100
46) Dibromomethane	9.07	93	168637	46.034	ug/l	93
47) Bromodichloromethane	9.38	83	392218	46.409	ug/l	99
48) Methyl methacrylate	9.12	41	125280	43.042	ug/l	96
49) 1,4-Dioxane	9.08	88	29412	924.506	ug/l	97
51) 4-Methyl-2-Pentanone	10.31	43	702922	232.132	ug/l	99
52) Toluene	10.51	92	568185	44.921	ug/l	98
53) t-1,3-Dichloropropene	10.92	75	334804	43.965	ug/l	99
54) cis-1,3-Dichloropropene	10.04	75	386427	43.229	ug/l	98
55) 1,1,2-Trichloroethane	11.19	97	200910	47.139	ug/l	99
56) Ethyl methacrylate	11.04	69	222175	47.495	ug/l	99
57) 1,3-Dichloropropane	11.41	76	293317	45.777	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.86	63	491456	220.881	ug/l	99
59) 2-Hexanone	11.54	43	506139	225.045	ug/l	98
60) Dibromochloromethane	11.69	129	336115	48.196	ug/l	95
61) 1,2-Dibromoethane	11.81	107	242100	46.196	ug/l	99
64) Tetrachloroethene	11.26	164	270790	44.647	ug/l	97
65) Chlorobenzene	12.40	112	673823	44.739	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.52	131	286880	45.453	ug/l	97
67) Ethyl Benzene	12.53	91	1125949	46.682	ug/l	100
68) m/p-Xylenes	12.67	106	814444	89.894	ug/l	99
69) o-Xylene	13.05	106	387129	45.461	ug/l	99
70) Styrene	13.07	104	646680	44.129	ug/l	100
71) Bromoform	13.24	173	186013	49.650	ug/l #	98
73) Isopropylbenzene	13.41	105	1046269	44.279	ug/l	97
74) N-amyl acetate	13.27	43	291664	45.903	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.70	83	227806	48.774	ug/l	99
76) 1,2,3-Trichloropropane	13.73	75	230369	48.146	ug/l	97
77) Bromobenzene	13.67	156	322164	47.997	ug/l	94
78) n-propylbenzene	13.78	91	1373195	50.300	ug/l	96
79) 2-Chlorotoluene	13.84	91	736643	46.191	ug/l	98
80) 1,3,5-Trimethylbenzene	13.94	105	823794	43.938	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.48	75	62146	40.731	ug/l	97
82) 4-Chlorotoluene	13.95	91	788472	43.194	ug/l	94
83) tert-Butylbenzene	14.19	119	1004989	45.651	ug/l	97
84) 1,2,4-Trimethylbenzene	14.24	105	838729	44.504	ug/l	99
85) sec-Butylbenzene	14.37	105	1101739	48.411	ug/l	97
86) p-Isopropyltoluene	14.49	119	842905	39.585	ug/l	95
87) 1,3-Dichlorobenzene	14.46	146	556061	47.454	ug/l	97
88) 1,4-Dichlorobenzene	14.54	146	532140	45.941	ug/l	98
89) n-Butylbenzene	14.80	91	860586	45.658	ug/l	99
90) Hexachloroethane	15.01	117	276455	47.634	ug/l	96
91) 1,2-Dichlorobenzene	14.81	146	479164	48.818	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.39	75	31412	48.344	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	229435	42.560	ug/l	97
94) Hexachlorobutadiene	16.03	225	178815	45.771	ug/l	97
95) Naphthalene	16.12	128	380633	46.066	ug/l	100
96) 1,2,3-Trichlorobenzene	16.27	180	133462	43.443	ug/l	98

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

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