

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072919\
 Data File : VD063229.D
 Acq On : 30 Jul 2019 6:43
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00u/5ml/MSVOA D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 30 08:40:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	741444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1085009	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1014393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	519473	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	535809	65.13	ug/l	0.00
Spiked Amount			Recovery	=	130.26%	
35) Dibromofluoromethane	6.92	113	551518	59.54	ug/l	0.00
Spiked Amount			Recovery	=	119.08%	
50) Toluene-d8	10.41	98	1218799	58.79	ug/l	0.00
Spiked Amount			Recovery	=	117.58%	
62) 4-Bromofluorobenzene	13.55	95	566559	59.97	ug/l	0.00
Spiked Amount			Recovery	=	119.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.56	85	359612	39.678	ug/l	94
3) Chloromethane	1.74	50	320222	45.476	ug/l #	86
4) Vinyl Chloride	1.84	62	296661	40.697	ug/l	96
5) Bromomethane	2.14	94	206621	56.201	ug/l	98
6) Chloroethane	2.26	64	178379	53.001	ug/l	92
7) Trichlorofluoromethane	2.53	101	653423	46.205	ug/l	98
8) Diethyl Ether	2.86	74	114889	58.049	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.14	101	380395	48.559	ug/l	94
10) Methyl Iodide	3.29	142	602279	53.221	ug/l	98
11) Tert butyl alcohol	4.06	59	98051	271.578	ug/l	99
12) 1,1-Dichloroethene	3.12	96	260530	45.302	ug/l	93
13) Acrolein	3.03	56	72955	209.962	ug/l	84
14) Allyl chloride	3.61	41	465677	50.830	ug/l	91
15) Acrylonitrile	4.19	53	282752	302.076	ug/l #	82
16) Acetone	3.22	43	429428	267.899	ug/l	100
17) Carbon Disulfide	3.36	76	838924	43.583	ug/l	100
18) Methyl Acetate	3.63	43	198674	64.526	ug/l	94
19) Methyl tert-butyl Ether	4.23	73	764802	58.874	ug/l	95
20) Methylene Chloride	3.81	84	338028	52.170	ug/l	96
21) trans-1,2-Dichloroethene	4.21	96	327098	50.691	ug/l	95
22) Diisopropyl ether	5.12	45	1058141	57.811	ug/l	96
23) Vinyl Acetate	5.05	43	3298067	293.130	ug/l	100
24) 1,1-Dichloroethane	4.97	63	612823	52.416	ug/l	96
25) 2-Butanone	6.06	43	486309	302.301	ug/l #	90
26) 2,2-Dichloropropane	6.01	77	544987	45.233	ug/l	91
27) cis-1,2-Dichloroethene	6.03	96	381783	55.185	ug/l	97
28) Bromochloromethane	6.43	49	251670	54.027	ug/l #	88
29) Tetrahydrofuran	6.45	42	221651	291.020	ug/l	99
30) Chloroform	6.66	83	802508	55.310	ug/l	98
31) Cyclohexane	6.95	56	309643	42.253	ug/l	92
32) 1,1,1-Trichloroethane	6.87	97	723115	51.525	ug/l	98
36) 1,1-Dichloropropene	7.14	75	449231	45.367	ug/l	93
37) Ethyl Acetate	6.18	43	258999	58.220	ug/l	99
38) Carbon Tetrachloride	7.10	117	745910	50.037	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	358265	43.426	ug/l	99
40) Benzene	7.45	78	1035676	49.905	ug/l	98
41) Methacrylonitrile	6.44	41	318066	59.771	ug/l #	87
42) 1,2-Dichloroethane	7.58	62	640031	58.192	ug/l	99
43) Isopropyl Acetate	9.24	43	335689	59.073	ug/l #	99
44) Trichloroethene	8.53	130	437233	51.994	ug/l	90
45) 1,2-Dichloropropane	8.94	63	269866	51.161	ug/l	95
46) Dibromomethane	9.06	93	257979	58.819	ug/l	93
47) Bromodichloromethane	9.37	83	651172	58.243	ug/l	91
48) Methyl methacrylate	9.11	41	236291	64.113	ug/l	92
49) 1,4-Dioxane	9.07	88	36908	1182.921	ug/l #	83
51) 4-Methyl-2-Pentanone	10.29	43	1138768	294.662	ug/l	98
52) Toluene	10.51	92	729047	52.819	ug/l	96
53) t-1,3-Dichloropropene	10.91	75	560990	58.201	ug/l	99
54) cis-1,3-Dichloropropene	10.04	75	561043	55.383	ug/l	96
55) 1,1,2-Trichloroethane	11.19	97	282708	60.645	ug/l	97
56) Ethyl methacrylate	11.04	69	305973	59.940	ug/l	93
57) 1,3-Dichloropropane	11.41	76	424282	57.766	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.85	63	805879	303.400	ug/l	100
59) 2-Hexanone	11.53	43	860393	308.934	ug/l	100
60) Dibromochloromethane	11.68	129	537716	61.101	ug/l	99
61) 1,2-Dibromoethane	11.80	107	354384	61.608	ug/l	99
64) Tetrachloroethene	11.26	164	400623	49.574	ug/l	96
65) Chlorobenzene	12.40	112	959884	49.196	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.51	131	433953	50.492	ug/l	96
67) Ethyl Benzene	12.52	91	1496580	45.152	ug/l	99
68) m/p-Xylenes	12.67	106	1114846	91.716	ug/l	95
69) o-Xylene	13.05	106	557146	49.913	ug/l	99
70) Styrene	13.07	104	980286	49.520	ug/l	99
71) Bromoform	13.24	173	365094	58.414	ug/l	97
73) Isopropylbenzene	13.40	105	1605562	49.245	ug/l	98
74) N-amyl acetate	13.27	43	458817	53.233	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	335427	60.566	ug/l	97
76) 1,2,3-Trichloropropane	13.73	75	349881	56.075	ug/l	98
77) Bromobenzene	13.67	156	496474	53.454	ug/l	85
78) n-propylbenzene	13.77	91	1929071	49.719	ug/l	96
79) 2-Chlorotoluene	13.84	91	1065189	47.381	ug/l	96
80) 1,3,5-Trimethylbenzene	13.94	105	1443185	51.321	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.47	75	92787	53.554	ug/l	99
82) 4-Chlorotoluene	13.95	91	1366482	51.648	ug/l	97
83) tert-Butylbenzene	14.19	119	1612313	50.215	ug/l	92
84) 1,2,4-Trimethylbenzene	14.24	105	1453942	49.987	ug/l	99
85) sec-Butylbenzene	14.37	105	1665837	49.243	ug/l	98
86) p-Isopropyltoluene	14.49	119	1468431	45.479	ug/l	96
87) 1,3-Dichlorobenzene	14.46	146	809017	49.186	ug/l	97
88) 1,4-Dichlorobenzene	14.54	146	845330	50.824	ug/l	97
89) n-Butylbenzene	14.80	91	1199326	43.007	ug/l	99
90) Hexachloroethane	15.01	117	434775	51.684	ug/l	82
91) 1,2-Dichlorobenzene	14.81	146	721685	50.359	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.38	75	62276	55.204	ug/l	68

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	567976	49.959	ug/l	100
94) Hexachlorobutadiene	16.03	225	392332	47.621	ug/l	98
95) Naphthalene	16.12	128	969866	60.358	ug/l	97
96) 1,2,3-Trichlorobenzene	16.27	180	488985	54.446	ug/l	98

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

