

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072919\
 Data File : VD063190.D
 Acq On : 29 Jul 2019 10:13
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 30 12:33:09 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	7.04	168	1058873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1491922	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1245029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	679357	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	435967	37.11	ug/l	0.00
Spiked Amount			Recovery	=	74.22%	
35) Dibromofluoromethane	6.91	113	491808	38.61	ug/l	0.00
Spiked Amount			Recovery	=	77.22%	
50) Toluene-d8	10.41	98	980091	34.38	ug/l	0.00
Spiked Amount			Recovery	=	68.76%	
62) 4-Bromofluorobenzene	13.55	95	474629	36.54	ug/l	0.00
Spiked Amount			Recovery	=	73.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	460687	35.593	ug/l	100
3) Chloromethane	1.74	50	382032	37.990	ug/l	91
4) Vinyl Chloride	1.84	62	440326	42.297	ug/l	99
5) Bromomethane	2.14	94	209369	39.877	ug/l	98
6) Chloroethane	2.26	64	215863	44.911	ug/l	93
7) Trichlorofluoromethane	2.52	101	865712	42.865	ug/l	99
8) Diethyl Ether	2.87	74	137760	48.738	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.13	101	566914	50.674	ug/l	98
10) Methyl Iodide	3.29	142	714874	44.233	ug/l	99
11) Tert butyl alcohol	4.07	59	134800	261.437	ug/l	95
12) 1,1-Dichloroethene	3.11	96	392794	47.826	ug/l	95
13) Acrolein	3.02	56	13770	27.749	ug/l	87
14) Allyl chloride	3.61	41	594180	45.414	ug/l	92
15) Acrylonitrile	4.19	53	377377	282.306	ug/l	94
16) Acetone	3.21	43	765948	334.591	ug/l	98
17) Carbon Disulfide	3.36	76	933504	33.958	ug/l	98
18) Methyl Acetate	3.63	43	191501	43.551	ug/l	100
19) Methyl tert-butyl Ether	4.24	73	998997	53.848	ug/l	100
20) Methylene Chloride	3.80	84	410574	44.371	ug/l	93
21) trans-1,2-Dichloroethene	4.21	96	394311	42.789	ug/l	96
22) Diisopropyl ether	5.12	45	1417781	54.239	ug/l	99
23) Vinyl Acetate	5.04	43	4511020	280.743	ug/l	99
24) 1,1-Dichloroethane	4.97	63	827099	49.536	ug/l	96
25) 2-Butanone	6.07	43	693848	302.013	ug/l	96
26) 2,2-Dichloropropane	6.01	77	928040	53.935	ug/l	93
27) cis-1,2-Dichloroethene	6.03	96	477712	48.351	ug/l	96
28) Bromochloromethane	6.43	49	239750	36.039	ug/l #	92
29) Tetrahydrofuran	6.45	42	315647	290.195	ug/l	99
30) Chloroform	6.66	83	1038622	50.124	ug/l	98
31) Cyclohexane	6.94	56	478997	45.768	ug/l	97
32) 1,1,1-Trichloroethane	6.86	97	1022238	51.003	ug/l	97
36) 1,1-Dichloropropene	7.14	75	616314	45.265	ug/l	97
37) Ethyl Acetate	6.17	43	327391	53.522	ug/l #	94
38) Carbon Tetrachloride	7.10	117	1087729	53.065	ug/l	98

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39) Methylcyclohexane	8.85	83	543867	47.943	ug/l	89
40) Benzene	7.44	78	1313367	46.025	ug/l	98
41) Methacrylonitrile	6.44	41	402486	55.006	ug/l #	90
42) 1,2-Dichloroethane	7.57	62	749133	49.535	ug/l	98
43) Isopropyl Acetate	9.24	43	427413	54.700	ug/l #	99
44) Trichloroethene	8.54	130	528206	45.680	ug/l	97
45) 1,2-Dichloropropane	8.93	63	341614	47.099	ug/l	98
46) Dibromomethane	9.06	93	306538	50.828	ug/l	91
47) Bromodichloromethane	9.36	83	820077	53.344	ug/l	93
48) Methyl methacrylate	9.12	41	293498	57.915	ug/l	93
49) 1,4-Dioxane	9.08	88	51652	1204.027	ug/l	88
51) 4-Methyl-2-Pentanone	10.30	43	1486853	279.798	ug/l	100
52) Toluene	10.51	92	964563	50.822	ug/l	96
53) t-1,3-Dichloropropene	10.91	75	717798	54.158	ug/l	95
54) cis-1,3-Dichloropropene	10.03	75	719512	51.654	ug/l	98
55) 1,1,2-Trichloroethane	11.19	97	335931	52.408	ug/l	94
56) Ethyl methacrylate	11.04	69	392525	55.923	ug/l	98
57) 1,3-Dichloropropane	11.40	76	500140	49.522	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.86	63	982236	268.936	ug/l	98
59) 2-Hexanone	11.53	43	1222333	319.188	ug/l	100
60) Dibromochloromethane	11.68	129	670275	55.390	ug/l	99
61) 1,2-Dibromoethane	11.80	107	394464	49.872	ug/l	89
64) Tetrachloroethene	11.25	164	471653	47.552	ug/l	98
65) Chlorobenzene	12.40	112	1167635	48.758	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.50	131	585335	55.489	ug/l	96
67) Ethyl Benzene	12.52	91	2071573	50.922	ug/l	98
68) m/p-Xylenes	12.66	106	1431442	95.947	ug/l	100
69) o-Xylene	13.05	106	680013	49.635	ug/l	90
70) Styrene	13.07	104	1187994	48.896	ug/l	95
71) Bromoform	13.23	173	442615	57.699	ug/l	98
73) Isopropylbenzene	13.40	105	2266800	53.163	ug/l	95
74) N-amyl acetate	13.26	43	607878	53.929	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	423132	58.421	ug/l	95
76) 1,2,3-Trichloropropane	13.73	75	423308	51.876	ug/l	98
77) Bromobenzene	13.67	156	622747	51.270	ug/l	89
78) n-propylbenzene	13.77	91	2519434	49.653	ug/l	97
79) 2-Chlorotoluene	13.83	91	1409884	47.954	ug/l	95
80) 1,3,5-Trimethylbenzene	13.93	105	1765675	48.012	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.47	75	118942	52.493	ug/l	95
82) 4-Chlorotoluene	13.94	91	1689662	48.833	ug/l	98
83) tert-Butylbenzene	14.19	119	2104020	50.107	ug/l	94
84) 1,2,4-Trimethylbenzene	14.24	105	1820054	47.848	ug/l	99
85) sec-Butylbenzene	14.36	105	2233359	50.482	ug/l	98
86) p-Isopropyltoluene	14.48	119	1932938	45.777	ug/l	96
87) 1,3-Dichlorobenzene	14.45	146	1064281	49.478	ug/l	98
88) 1,4-Dichlorobenzene	14.53	146	1054436	48.476	ug/l	95
89) n-Butylbenzene	14.80	91	1811538	49.672	ug/l	96
90) Hexachloroethane	15.00	117	592816	53.886	ug/l	93
91) 1,2-Dichlorobenzene	14.81	146	941082	50.214	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	84510	57.283	ug/l	66

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	786764	52.917	ug/l	97
94) Hexachlorobutadiene	16.04	225	539656	50.087	ug/l	100
95) Naphthalene	16.12	128	1139092	54.206	ug/l	98
96) 1,2,3-Trichlorobenzene	16.26	180	629718	53.614	ug/l	98

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

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