

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032719\
 Data File : VD061351.D
 Acq On : 27 Mar 2019 13:06
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 3:01:34 PM

Quant Time: Mar 28 09:20:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:14:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	740342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	1234097	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	980294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	461258	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.43	65	281681	44.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.08%	
35) Dibromofluoromethane	6.90	113	471545	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	10.38	98	1127887	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	13.54	95	412176	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	369185	46.694	ug/l	100
3) Chloromethane	1.75	50	274345	42.546	ug/l	100
4) Vinyl Chloride	1.85	62	276686	46.733	ug/l	100
5) Bromomethane	2.14	94	60675	51.681	ug/l	100
6) Chloroethane	2.26	64	98413	56.682	ug/l	100
7) Trichlorofluoromethane	2.52	101	405145	47.059	ug/l	100
8) Diethyl Ether	2.86	74	130850	47.205	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.14	101	428551	46.301	ug/l	100
10) Methyl Iodide	3.30	142	683103	48.647	ug/l	100
11) Tert butyl alcohol	4.04	59	95379	242.166	ug/l	100
12) 1,1-Dichloroethene	3.11	96	366369	46.104	ug/l	100
13) Acrolein	3.02	56	74956	249.760	ug/l	100
14) Allyl chloride	3.60	41	514804	46.447	ug/l	100
15) Acrylonitrile	4.17	53	331582	242.562	ug/l	100
16) Acetone	3.20	43	428079	263.309	ug/l	100
17) Carbon Disulfide	3.37	76	1221606	47.315	ug/l	100
18) Methyl Acetate	3.62	43	152759	44.689	ug/l	100
19) Methyl tert-butyl Ether	4.21	73	649156	47.192	ug/l	100
20) Methylene Chloride	3.80	84	412938	45.154	ug/l	100
21) trans-1,2-Dichloroethene	4.19	96	406516	47.383	ug/l	100
22) Diisopropyl ether	5.09	45	1139892	48.600	ug/l	100
23) Vinyl Acetate	5.02	43	3138254	246.322	ug/l	100
24) 1,1-Dichloroethane	4.96	63	651006	47.229	ug/l	100
25) 2-Butanone	6.03	43	503747	246.323	ug/l	100
26) 2,2-Dichloropropane	5.99	77	552457	50.418	ug/l	100
27) cis-1,2-Dichloroethene	6.01	96	464509	49.416	ug/l	100
28) Bromochloromethane	6.41	49	270633	48.638	ug/l	100
29) Tetrahydrofuran	6.42	42	230477	232.515	ug/l	100
30) Chloroform	6.63	83	705932	49.564	ug/l	100
31) Cyclohexane	6.93	56	545390	50.069	ug/l	100
32) 1,1,1-Trichloroethane	6.84	97	627161	49.912	ug/l	100
36) 1,1-Dichloropropene	7.12	75	488123	45.319	ug/l	100
37) Ethyl Acetate	6.15	43	229728	49.871	ug/l	100
38) Carbon Tetrachloride	7.09	117	584450m	47.656	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.84	83	530621	47.302	ug/l	100
40) Benzene	7.43	78	1293923	47.866	ug/l	100
41) Methacrylonitrile	6.42	41	256593	47.640	ug/l	100
42) 1,2-Dichloroethane	7.55	62	404290	49.999	ug/l	100
43) Isopropyl Acetate	9.21	43	347187	51.801	ug/l	100
44) Trichloroethene	8.51	130	476065	47.323	ug/l	100
45) 1,2-Dichloropropane	8.92	63	345133	50.351	ug/l	100
46) Dibromomethane	9.04	93	227238	49.254	ug/l	100
47) Bromodichloromethane	9.35	83	516588	49.888	ug/l	100
48) Methyl methacrylate	9.10	41	176220	47.641	ug/l	100
49) 1,4-Dioxane	9.06	88	40091	982.653	ug/l	100
51) 4-Methyl-2-Pentanone	10.28	43	998492	244.871	ug/l	100
52) Toluene	10.48	92	764770	46.374	ug/l	100
53) t-1,3-Dichloropropene	10.89	75	496302	52.753	ug/l	100
54) cis-1,3-Dichloropropene	10.01	75	555254	48.469	ug/l	100
55) 1,1,2-Trichloroethane	11.16	97	272609	47.267	ug/l	100
56) Ethyl methacrylate	11.01	69	313903	50.664	ug/l	100
57) 1,3-Dichloropropane	11.39	76	422053	49.787	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.83	63	714163	236.688	ug/l	100
59) 2-Hexanone	11.51	43	738649	250.020	ug/l	100
60) Dibromochloromethane	11.66	129	433543	48.761	ug/l	100
61) 1,2-Dibromoethane	11.78	107	328811	49.235	ug/l	100
64) Tetrachloroethene	11.23	164	363604	47.261	ug/l	100
65) Chlorobenzene	12.38	112	917915	45.818	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.50	131	400043	51.572	ug/l	100
67) Ethyl Benzene	12.51	91	1574165	51.478	ug/l	100
68) m/p-Xylenes	12.66	106	1141077	98.509	ug/l	100
69) o-Xylene	13.03	106	582883	51.854	ug/l	100
70) Styrene	13.06	104	964625	49.228	ug/l	100
71) Bromoform	13.22	173	251655	51.179	ug/l	100
73) Isopropylbenzene	13.39	105	1460405	45.491	ug/l	100
74) N-amyl acetate	13.25	43	404896	45.275	ug/l	100
75) 1,1,2,2-Tetrachloroethane	13.68	83	303774	44.856	ug/l	100
76) 1,2,3-Trichloropropane	13.72	75	291861	43.803	ug/l	100
77) Bromobenzene	13.65	156	436089	45.821	ug/l	100
78) n-propylbenzene	13.76	91	1912434	48.679	ug/l	100
79) 2-Chlorotoluene	13.83	91	973814	45.651	ug/l	100
80) 1,3,5-Trimethylbenzene	13.92	105	1144769	43.151	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.46	75	100722	49.579	ug/l	100
82) 4-Chlorotoluene	13.94	91	1052908	45.394	ug/l	100
83) tert-Butylbenzene	14.17	119	1430038	45.940	ug/l	100
84) 1,2,4-Trimethylbenzene	14.22	105	1280112	47.471	ug/l	100
85) sec-Butylbenzene	14.35	105	1535915	46.446	ug/l	100
86) p-Isopropyltoluene	14.48	119	1348131	48.211	ug/l	100
87) 1,3-Dichlorobenzene	14.44	146	765863	47.521	ug/l	100
88) 1,4-Dichlorobenzene	14.53	146	748246	47.608	ug/l	100
89) n-Butylbenzene	14.79	91	1182668	46.080	ug/l	100
90) Hexachloroethane	15.00	117	387998	49.114	ug/l	100
91) 1,2-Dichlorobenzene	14.79	146	593787	44.918	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	15.37	75	37720	47.490	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	314064	52.153	ug/l	100
94) Hexachlorobutadiene	16.03	225	255397	54.274	ug/l	100
95) Naphthalene	16.11	128	509999	55.561	ug/l	100
96) 1,2,3-Trichlorobenzene	16.26	180	148604	56.079	ug/l	100

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

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