

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060719\
 Data File : VD062638.D
 Acq On : 7 Jun 2019 12:14
 Operator : FY/SY
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/11/2019 2:17:21 AM

Quant Time: Jun 07 23:42:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 07 23:24:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	720325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	995038	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	847855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	461601	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	493228	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	
35) Dibromofluoromethane	6.92	113	466719	44.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.94%	
50) Toluene-d8	10.41	98	986896	44.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.32%	
62) 4-Bromofluorobenzene	13.55	95	493922	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.57	85	391543	42.232	ug/l	100
3) Chloromethane	1.74	50	338877	46.671	ug/l	100
4) Vinyl Chloride	1.85	62	346826	47.277	ug/l	100
5) Bromomethane	2.15	94	184841	50.229	ug/l	100
6) Chloroethane	2.26	64	184429	48.655	ug/l	100
7) Trichlorofluoromethane	2.53	101	812603	48.738	ug/l	100
8) Diethyl Ether	2.86	74	110524	48.610	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.14	101	452271	48.915	ug/l	100
10) Methyl Iodide	3.29	142	571783	48.508	ug/l	100
11) Tert butyl alcohol	4.07	59	93805	206.212	ug/l	100
12) 1,1-Dichloroethene	3.12	96	334424	51.909	ug/l	100
13) Acrolein	3.03	56	32630	259.545	ug/l	100
14) Allyl chloride	3.61	41	492968	49.770	ug/l	100
15) Acrylonitrile	4.20	53	238267	241.933	ug/l	100
16) Acetone	3.22	43	513742	263.792	ug/l	100
17) Carbon Disulfide	3.36	76	928115	48.212	ug/l	100
18) Methyl Acetate	3.64	43	137330	43.331	ug/l	100
19) Methyl tert-butyl Ether	4.24	73	783418	49.310	ug/l	100
20) Methylene Chloride	3.81	84	329383	45.351	ug/l	100
21) trans-1,2-Dichloroethene	4.21	96	328682	45.546	ug/l	100
22) Diisopropyl ether	5.12	45	1005244	49.585	ug/l	100
23) Vinyl Acetate	5.06	43	3335719	260.761	ug/l	100
24) 1,1-Dichloroethane	4.98	63	645851	48.246	ug/l	100
25) 2-Butanone	6.07	43	484657	255.317	ug/l	100
26) 2,2-Dichloropropane	6.02	77	729218	47.087	ug/l	100
27) cis-1,2-Dichloroethene	6.03	96	379021	49.355	ug/l	100
28) Bromochloromethane	6.44	49	243387	50.776	ug/l	100
29) Tetrahydrofuran	6.45	42	211903	248.067	ug/l	100
30) Chloroform	6.66	83	831186	48.236	ug/l	100
31) Cyclohexane	6.95	56	409174	49.872	ug/l	100
32) 1,1,1-Trichloroethane	6.87	97	832226	47.756	ug/l	100
36) 1,1-Dichloropropene	7.14	75	536636	45.283	ug/l	100
37) Ethyl Acetate	6.18	43	221802	42.932	ug/l	100
38) Carbon Tetrachloride	7.10	117	904066m	48.332	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	456720	48.429	ug/l	100
40) Benzene	7.45	78	1078101	47.757	ug/l	100
41) Methacrylonitrile	6.44	41	291307	47.047	ug/l	100
42) 1,2-Dichloroethane	7.58	62	673912	49.777	ug/l	100
43) Isopropyl Acetate	9.24	43	300252	49.494	ug/l	100
44) Trichloroethene	8.54	130	444301	47.680	ug/l	100
45) 1,2-Dichloropropane	8.94	63	274376	50.100	ug/l	100
46) Dibromomethane	9.05	93	239536	48.838	ug/l	100
47) Bromodichloromethane	9.37	83	619420	46.517	ug/l	100
48) Methyl methacrylate	9.11	41	213921	47.368	ug/l	100
49) 1,4-Dioxane	9.07	88	38907	1090.572	ug/l	100
51) 4-Methyl-2-Pentanone	10.30	43	1049991	243.754	ug/l	100
52) Toluene	10.51	92	769879	49.839	ug/l	100
53) t-1,3-Dichloropropene	10.91	75	540833	49.342	ug/l	100
54) cis-1,3-Dichloropropene	10.04	75	549718	48.469	ug/l	100
55) 1,1,2-Trichloroethane	11.19	97	251415	48.710	ug/l	100
56) Ethyl methacrylate	11.04	69	284983	50.512	ug/l	100
57) 1,3-Dichloropropane	11.41	76	379489	46.750	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.85	63	582511	205.436	ug/l	100
59) 2-Hexanone	11.53	43	799898	246.700	ug/l	100
60) Dibromochloromethane	11.68	129	523430	51.056	ug/l	100
61) 1,2-Dibromoethane	11.80	107	315157	50.348	ug/l	100
64) Tetrachloroethene	11.26	164	414337	51.473	ug/l	100
65) Chlorobenzene	12.40	112	960786	50.585	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.51	131	458753	50.405	ug/l	100
67) Ethyl Benzene	12.52	91	1649720	48.854	ug/l	100
68) m/p-Xylenes	12.67	106	1169002	98.667	ug/l	100
69) o-Xylene	13.05	106	538962	48.464	ug/l	100
70) Styrene	13.07	104	973841	49.110	ug/l	100
71) Bromoform	13.24	173	326870	51.669	ug/l	100
73) Isopropylbenzene	13.40	105	1543068	45.909	ug/l	100
74) N-amyl acetate	13.27	43	457845	50.591	ug/l	100
75) 1,1,2,2-Tetrachloroethane	13.70	83	297783	52.365	ug/l	100
76) 1,2,3-Trichloropropane	13.73	75	316243	49.658	ug/l	100
77) Bromobenzene	13.67	156	485507	51.340	ug/l	100
78) n-propylbenzene	13.77	91	2101812	51.657	ug/l	100
79) 2-Chlorotoluene	13.84	91	1270053	53.504	ug/l	100
80) 1,3,5-Trimethylbenzene	13.94	105	1405864	47.924	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.47	75	87388	53.271	ug/l	100
82) 4-Chlorotoluene	13.95	91	1367180	47.872	ug/l	100
83) tert-Butylbenzene	14.19	119	1761478	53.820	ug/l	100
84) 1,2,4-Trimethylbenzene	14.24	105	1555138	52.768	ug/l	100
85) sec-Butylbenzene	14.37	105	1749458	51.401	ug/l	100
86) p-Isopropyltoluene	14.49	119	1766716	53.505	ug/l	100
87) 1,3-Dichlorobenzene	14.46	146	901945	51.563	ug/l	100
88) 1,4-Dichlorobenzene	14.54	146	799873	48.683	ug/l	100
89) n-Butylbenzene	14.79	91	1580908	52.547	ug/l	100
90) Hexachloroethane	15.01	117	441648	50.778	ug/l	100
91) 1,2-Dichlorobenzene	14.81	146	768599	53.463	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	15.37	75	61575	49.033	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	553072	50.710	ug/l	100
94) Hexachlorobutadiene	16.03	225	426454	49.518	ug/l	100
95) Naphthalene	16.12	128	803473	53.026	ug/l	100
96) 1,2,3-Trichlorobenzene	16.27	180	437789	52.981	ug/l	100

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

