

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051320\
 Data File : VD065729.D
 Acq On : 13 May 2020 13:21
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: May 13 14:08:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 13 13:42:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	389122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	578425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	510278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	246775	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	150594	40.37	ug/l	0.00
Spiked Amount			Recovery	=	80.74%	
35) Dibromofluoromethane	7.92	113	161345	45.73	ug/l	0.00
Spiked Amount			Recovery	=	91.46%	
50) Toluene-d8	10.34	98	604058	44.82	ug/l	0.00
Spiked Amount			Recovery	=	89.64%	
62) 4-Bromofluorobenzene	12.64	95	202891	42.68	ug/l	0.00
Spiked Amount			Recovery	=	85.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.98	85	125442	42.201	ug/l	100
3) Chloromethane	2.21	50	173079	45.410	ug/l	100
4) Vinyl Chloride	2.35	62	189599	48.745	ug/l	100
5) Bromomethane	2.77	94	121513	49.084	ug/l	100
6) Chloroethane	2.92	64	124753	49.551	ug/l	100
7) Trichlorofluoromethane	3.27	101	267582	43.917	ug/l	100
8) Diethyl Ether	3.71	74	77977	41.225	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	162458	43.942	ug/l	100
10) Methyl Iodide	4.30	142	178530	48.866	ug/l	100
11) Tert butyl alcohol	5.22	59	59581	176.557	ug/l	100
12) 1,1-Dichloroethene	4.07	96	156544	43.167	ug/l	100
13) Acrolein	3.92	56	40408	135.113	ug/l	100
14) Allyl chloride	4.71	41	266044	37.490	ug/l	100
15) Acrylonitrile	5.43	53	165902	188.886	ug/l	100
16) Acetone	4.16	43	156132	198.490	ug/l	100
17) Carbon Disulfide	4.41	76	480898	40.753	ug/l	100
18) Methyl Acetate	4.72	43	71389	36.289	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	357133	41.155	ug/l	100
20) Methylene Chloride	4.97	84	163432	40.111	ug/l	100
21) trans-1,2-Dichloroethene	5.47	96	176311	42.399	ug/l	100
22) Diisopropyl ether	6.37	45	506988	38.483	ug/l	100
23) Vinyl Acetate	6.30	43	1511077	190.558	ug/l	100
24) 1,1-Dichloroethane	6.27	63	295635	40.486	ug/l	100
25) 2-Butanone	7.21	43	217869	186.167	ug/l	100
26) 2,2-Dichloropropane	7.21	77	272078	41.169	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	191950	42.667	ug/l	100
28) Bromochloromethane	7.55	49	130080	42.677	ug/l	100
29) Tetrahydrofuran	7.57	42	139267	184.246	ug/l	100
30) Chloroform	7.71	83	296261	41.902	ug/l	100
31) Cyclohexane	7.98	56	283020	37.522	ug/l	100
32) 1,1,1-Trichloroethane	7.91	97	282143	42.879	ug/l	100
36) 1,1-Dichloropropene	8.11	75	241933	43.205	ug/l	100
37) Ethyl Acetate	7.29	43	98861	37.449	ug/l	100
38) Carbon Tetrachloride	8.10	117	253705	45.225	ug/l	100

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39) Methylcyclohexane	9.36	83	296120	42.182	ug/l	100
40) Benzene	8.36	78	663562	43.333	ug/l	100
41) Methacrylonitrile	7.53	41	55493	35.978	ug/l	100
42) 1,2-Dichloroethane	8.43	62	187065	42.571	ug/l	100
43) Isopropyl Acetate	8.46	43	200883	38.033	ug/l	100
44) Trichloroethene	9.11	130	199253	46.618	ug/l	100
45) 1,2-Dichloropropane	9.39	63	163475	41.610	ug/l	100
46) Dibromomethane	9.48	93	87707	44.101	ug/l	100
47) Bromodichloromethane	9.67	83	231047	43.440	ug/l	100
48) Methyl methacrylate	9.46	41	99783	37.811	ug/l	100
49) 1,4-Dioxane	9.46	88	21068	871.971	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	491678	193.077	ug/l	100
52) Toluene	10.41	92	435415	44.715	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	226235	42.290	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	273858	43.221	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	118878	44.354	ug/l	100
56) Ethyl methacrylate	10.67	69	158242	41.348	ug/l	100
57) 1,3-Dichloropropane	10.95	76	207504	43.215	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	389496	219.929	ug/l	100
59) 2-Hexanone	10.99	43	332936	190.826	ug/l	100
60) Dibromochloromethane	11.14	129	164413	45.301	ug/l	100
61) 1,2-Dibromoethane	11.25	107	119434	44.280	ug/l	100
64) Tetrachloroethene	10.88	164	165054	45.944	ug/l	100
65) Chlorobenzene	11.67	112	457991	45.173	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	172307	45.656	ug/l	100
67) Ethyl Benzene	11.75	91	819293	43.601	ug/l	100
68) m/p-Xylenes	11.85	106	626266	89.051	ug/l	100
69) o-Xylene	12.18	106	294708	44.891	ug/l	100
70) Styrene	12.20	104	501359	44.519	ug/l	100
71) Bromoform	12.37	173	98029	46.101	ug/l	# 100
73) Isopropylbenzene	12.48	105	785570	42.944	ug/l	100
74) N-amyl acetate	12.29	43	190097	37.422	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	126546	41.589	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	96020m	46.901	ug/l	
77) Bromobenzene	12.77	156	192721	45.581	ug/l	100
78) n-propylbenzene	12.83	91	921493	42.906	ug/l	100
79) 2-Chlorotoluene	12.91	91	511345	42.193	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	643985	42.978	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	46092	40.540	ug/l	100
82) 4-Chlorotoluene	13.01	91	535218	42.145	ug/l	100
83) tert-Butylbenzene	13.23	119	573169	44.618	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	640834	42.869	ug/l	100
85) sec-Butylbenzene	13.41	105	771410	43.125	ug/l	100
86) p-Isopropyltoluene	13.52	119	717642	43.876	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	354604	44.723	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	355257	45.326	ug/l	100
89) n-Butylbenzene	13.85	91	667093	42.342	ug/l	100
90) Hexachloroethane	14.12	117	140559	43.286	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	306956	44.883	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	20198	39.878	ug/l	100

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93) 1,2,4-Trichlorobenzene	15.17	180	233655	45.543	ug/l	100
94) Hexachlorobutadiene	15.28	225	137981	46.251	ug/l	100
95) Naphthalene	15.41	128	391719	43.784	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	198385	45.466	ug/l	100

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

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