

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081020\
 Data File : VD066162.D
 Acq On : 10 Aug 2020 14:04
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/11/2020 3:19:23 PM

Quant Time: Aug 11 05:30:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	321816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	455795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	422231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	220295	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	150629	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
35) Dibromofluoromethane	7.91	113	153755	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
50) Toluene-d8	10.34	98	582692	54.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.38%	
62) 4-Bromofluorobenzene	12.63	95	206591	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	114937	40.538	ug/l	100
3) Chloromethane	2.20	50	90007	40.809	ug/l	96
4) Vinyl Chloride	2.34	62	92369	47.304	ug/l	99
5) Bromomethane	2.76	94	58453	45.120	ug/l	94
6) Chloroethane	2.91	64	54984	45.873	ug/l	91
7) Trichlorofluoromethane	3.27	101	227504	44.690	ug/l	99
8) Diethyl Ether	3.70	74	66007	45.953	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	138672	45.900	ug/l	99
10) Methyl Iodide	4.30	142	149541	53.782	ug/l	98
11) Tert butyl alcohol	5.21	59	45069	203.094	ug/l #	76
12) 1,1-Dichloroethene	4.06	96	131607	46.177	ug/l	96
13) Acrolein	3.92	56	62850	275.015	ug/l	99
14) Allyl chloride	4.71	41	204010	47.249	ug/l	100
15) Acrylonitrile	5.41	53	143793	237.559	ug/l	98
16) Acetone	4.16	43	136508	250.580	ug/l	98
17) Carbon Disulfide	4.40	76	393671	43.443	ug/l	97
18) Methyl Acetate	4.71	43	59706	43.149	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	301370	46.134	ug/l	99
20) Methylene Chloride	4.96	84	159425	51.056	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	147897	45.173	ug/l	93
22) Diisopropyl ether	6.36	45	402671	47.160	ug/l	97
23) Vinyl Acetate	6.30	43	1195401	238.978	ug/l	100
24) 1,1-Dichloroethane	6.26	63	240760	45.563	ug/l	98
25) 2-Butanone	7.21	43	179072	223.490	ug/l	97
26) 2,2-Dichloropropane	7.20	77	225201	47.551	ug/l	100
27) cis-1,2-Dichloroethene	7.20	96	161360	46.988	ug/l	99
28) Bromochloromethane	7.54	49	93911	50.601	ug/l	97
29) Tetrahydrofuran	7.56	42	114043	229.727	ug/l	99
30) Chloroform	7.71	83	256026	46.143	ug/l	90
31) Cyclohexane	7.98	56	226290	44.988	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	238611	45.866	ug/l	99
36) 1,1-Dichloropropene	8.11	75	203794	47.581	ug/l	99
37) Ethyl Acetate	7.29	43	80685	47.545	ug/l	99
38) Carbon Tetrachloride	8.09	117	223727	46.841	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	250395	48.361	ug/l	96
40) Benzene	8.35	78	558401	46.997	ug/l	100
41) Methacrylonitrile	7.52	41	45964	46.066	ug/l	96
42) 1,2-Dichloroethane	8.42	62	161128	46.162	ug/l	99
43) Isopropyl Acetate	8.45	43	163397	48.868	ug/l	98
44) Trichloroethene	9.11	130	168642	47.102	ug/l	100
45) 1,2-Dichloropropane	9.38	63	138378	47.619	ug/l	91
46) Dibromomethane	9.47	93	76047	47.510	ug/l	99
47) Bromodichloromethane	9.66	83	201730	47.684	ug/l	93
48) Methyl methacrylate	9.46	41	83298	48.789	ug/l	97
49) 1,4-Dioxane	9.46	88	17474	849.717	ug/l	89
51) 4-Methyl-2-Pentanone	10.23	43	408176	237.659	ug/l	99
52) Toluene	10.40	92	369941	47.317	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	193962	48.312	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	225628	47.966	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	106373	46.151	ug/l	95
56) Ethyl methacrylate	10.66	69	133961	48.382	ug/l	97
57) 1,3-Dichloropropane	10.94	76	179642	46.948	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	361365	290.147	ug/l	99
59) 2-Hexanone	10.98	43	285233	236.637	ug/l	98
60) Dibromochloromethane	11.14	129	147664	46.405	ug/l	99
61) 1,2-Dibromoethane	11.24	107	105498	47.594	ug/l	99
64) Tetrachloroethene	10.87	164	149583	46.135	ug/l	97
65) Chlorobenzene	11.67	112	401897	46.888	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	156744	46.737	ug/l	99
67) Ethyl Benzene	11.74	91	710355	47.824	ug/l	99
68) m/p-Xylenes	11.86	106	545199	94.737	ug/l	97
69) o-Xylene	12.18	106	250966	47.940	ug/l	99
70) Styrene	12.20	104	445031	48.507	ug/l	99
71) Bromoform	12.36	173	91841	46.220	ug/l #	100
73) Isopropylbenzene	12.48	105	703847	47.864	ug/l	98
74) N-amyl acetate	12.29	43	154815	47.809	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	113582	45.297	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	77196m	42.020	ug/l	
77) Bromobenzene	12.76	156	176193	46.545	ug/l	99
78) n-propylbenzene	12.82	91	830332	48.575	ug/l	99
79) 2-Chlorotoluene	12.91	91	465856	47.650	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	595262	48.403	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	40717	48.994	ug/l	97
82) 4-Chlorotoluene	13.01	91	487507	47.237	ug/l	100
83) tert-Butylbenzene	13.23	119	513303	47.460	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	595673	48.399	ug/l	99
85) sec-Butylbenzene	13.41	105	708174	48.498	ug/l	99
86) p-Isopropyltoluene	13.52	119	663867	48.473	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	327057	45.970	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	329333	46.416	ug/l	99
89) n-Butylbenzene	13.85	91	605534	49.348	ug/l	100
90) Hexachloroethane	14.12	117	125460	45.932	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	290861	46.228	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	18632	43.234	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	219824	47.409	ug/l	99
94) Hexachlorobutadiene	15.27	225	132163	48.404	ug/l	98
95) Naphthalene	15.41	128	373360	49.418	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	192053	46.920	ug/l	99

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

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