

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060820\
 Data File : VD065785.D
 Acq On : 08 Jun 2020 17:20
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/9/2020 2:50:45 PM

Quant Time: Jun 09 07:27:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	201594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	320654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	306339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	157784	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	107626	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	
35) Dibromofluoromethane	7.92	113	104166	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
50) Toluene-d8	10.34	98	404402	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
62) 4-Bromofluorobenzene	12.64	95	139493	54.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.98	85	64625	47.464	ug/l	97
3) Chloromethane	2.21	50	128576	57.837	ug/l	99
4) Vinyl Chloride	2.35	62	147718	49.666	ug/l	100
5) Bromomethane	2.77	94	104464	50.223	ug/l	97
6) Chloroethane	2.92	64	104217	51.822	ug/l	97
7) Trichlorofluoromethane	3.28	101	168102	49.885	ug/l	91
8) Diethyl Ether	3.71	74	45919	51.830	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.10	101	97549	48.547	ug/l	98
10) Methyl Iodide	4.30	142	98587	50.385	ug/l	99
11) Tert butyl alcohol	5.22	59	32940	302.481	ug/l	98
12) 1,1-Dichloroethene	4.07	96	91734	50.090	ug/l	99
13) Acrolein	3.92	56	24996	223.401	ug/l	89
14) Allyl chloride	4.72	41	157526	52.042	ug/l	98
15) Acrylonitrile	5.42	53	111186	276.315	ug/l	99
16) Acetone	4.16	43	107562	286.253	ug/l	95
17) Carbon Disulfide	4.41	76	301982	49.129	ug/l	99
18) Methyl Acetate	4.72	43	47992	57.144	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	228376	55.054	ug/l	94
20) Methylene Chloride	4.96	84	110858	56.095	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	110332	51.443	ug/l	93
22) Diisopropyl ether	6.36	45	341275	55.801	ug/l	98
23) Vinyl Acetate	6.31	43	1005961	291.279	ug/l	99
24) 1,1-Dichloroethane	6.27	63	194824	52.282	ug/l	99
25) 2-Butanone	7.21	43	147277	283.801	ug/l #	90
26) 2,2-Dichloropropane	7.21	77	171021	51.759	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	123764	53.645	ug/l	98
28) Bromochloromethane	7.55	49	79296	55.096	ug/l	98
29) Tetrahydrofuran	7.56	42	92695	282.621	ug/l	97
30) Chloroform	7.71	83	207325	53.676	ug/l	98
31) Cyclohexane	7.98	56	177947	49.811	ug/l	94
32) 1,1,1-Trichloroethane	7.91	97	185309	52.176	ug/l	98
36) 1,1-Dichloropropene	8.11	75	161182	52.474	ug/l	99
37) Ethyl Acetate	7.30	43	66415	54.894	ug/l	97
38) Carbon Tetrachloride	8.10	117	169033	52.290	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	190589	52.407	ug/l	99
40) Benzene	8.36	78	443418	52.805	ug/l	99
41) Methacrylonitrile	7.53	41	37652	52.264	ug/l	89
42) 1,2-Dichloroethane	8.43	62	133938	52.863	ug/l	100
43) Isopropyl Acetate	8.46	43	133211	55.369	ug/l	99
44) Trichloroethene	9.11	130	120729	51.663	ug/l	97
45) 1,2-Dichloropropane	9.39	63	111150	52.679	ug/l	97
46) Dibromomethane	9.48	93	60943	53.256	ug/l	98
47) Bromodichloromethane	9.67	83	162398	52.959	ug/l	99
48) Methyl methacrylate	9.46	41	61752	53.026	ug/l	95
49) 1,4-Dioxane	9.46	88	13689	1123.887	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	331687	281.353	ug/l	98
52) Toluene	10.41	92	296119	54.272	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	152754	55.011	ug/l	98
54) cis-1,3-Dichloropropene	10.10	75	180979	55.185	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	83092	54.344	ug/l	99
56) Ethyl methacrylate	10.66	69	103255	57.414	ug/l	99
57) 1,3-Dichloropropane	10.95	76	141989	53.601	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	239431	286.359	ug/l	98
59) 2-Hexanone	10.99	43	229422	288.652	ug/l	98
60) Dibromochloromethane	11.14	129	111709	54.082	ug/l	98
61) 1,2-Dibromoethane	11.25	107	82280	54.757	ug/l	98
64) Tetrachloroethene	10.88	164	105469	50.915	ug/l	96
65) Chlorobenzene	11.67	112	305692	51.115	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	117765	52.827	ug/l	100
67) Ethyl Benzene	11.75	91	563790	52.771	ug/l	97
68) m/p-Xylenes	11.85	106	441956	107.397	ug/l	98
69) o-Xylene	12.18	106	197026	53.101	ug/l	98
70) Styrene	12.20	104	350848	54.622	ug/l	99
71) Bromoform	12.37	173	65731	53.545	ug/l	# 98
73) Isopropylbenzene	12.48	105	547033	51.710	ug/l	99
74) N-amyl acetate	12.30	43	127085	53.997	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	92175	51.592	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	56509m	46.051	ug/l	
77) Bromobenzene	12.77	156	131737	52.632	ug/l	97
78) n-propylbenzene	12.83	91	665842	52.289	ug/l	99
79) 2-Chlorotoluene	12.91	91	362225	51.853	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	460134	52.268	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	31266	55.051	ug/l	92
82) 4-Chlorotoluene	13.01	91	396067	52.822	ug/l	98
83) tert-Butylbenzene	13.23	119	399627	52.317	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	466974	52.996	ug/l	100
85) sec-Butylbenzene	13.41	105	565293	53.177	ug/l	98
86) p-Isopropyltoluene	13.52	119	518420	53.207	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	255272	51.725	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	252419	51.417	ug/l	98
89) n-Butylbenzene	13.85	91	489396	52.665	ug/l	99
90) Hexachloroethane	14.12	117	100384	51.472	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	223585	52.642	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	14687	49.396	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	152661	52.863	ug/l	99
94) Hexachlorobutadiene	15.27	225	85996	49.260	ug/l	99
95) Naphthalene	15.41	128	266819	54.545	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	131953	53.052	ug/l	98

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

