

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082120\
 Data File : VD066370.D
 Acq On : 21 Aug 2020 20:09
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/24/2020 4:37:15 PM

Quant Time: Aug 22 02:44:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	199277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	289567	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	271087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	143289	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	121002	61.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.86%	
35) Dibromofluoromethane	7.91	113	104228	57.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.12%	
50) Toluene-d8	10.33	98	389696	58.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.64%	
62) 4-Bromofluorobenzene	12.63	95	139280	59.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	81759	48.260	ug/l	95
3) Chloromethane	2.20	50	62861	52.346	ug/l	100
4) Vinyl Chloride	2.34	62	65135	50.518	ug/l	96
5) Bromomethane	2.77	94	49644	51.477	ug/l	99
6) Chloroethane	2.91	64	44056	53.362	ug/l	96
7) Trichlorofluoromethane	3.27	101	181722	51.831	ug/l	99
8) Diethyl Ether	3.70	74	42807	54.493	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	86670	50.090	ug/l	99
10) Methyl Iodide	4.30	142	98761	50.045	ug/l	96
11) Tert butyl alcohol	5.23	59	32894	303.030	ug/l #	90
12) 1,1-Dichloroethene	4.06	96	83037	51.126	ug/l	93
13) Acrolein	3.91	56	18285	210.762	ug/l	97
14) Allyl chloride	4.71	41	112153	51.734	ug/l	94
15) Acrylonitrile	5.43	53	86342	273.942	ug/l	96
16) Acetone	4.15	43	80481	228.495	ug/l	95
17) Carbon Disulfide	4.40	76	253280	51.457	ug/l	99
18) Methyl Acetate	4.71	43	34722	52.524	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	226786	57.989	ug/l	94
20) Methylene Chloride	4.97	84	106166	57.335	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	99211	52.475	ug/l	95
22) Diisopropyl ether	6.36	45	234144	55.785	ug/l	97
23) Vinyl Acetate	6.30	43	730836	281.269	ug/l	99
24) 1,1-Dichloroethane	6.26	63	160216	54.016	ug/l	99
25) 2-Butanone	7.20	43	108479	271.293	ug/l	98
26) 2,2-Dichloropropane	7.21	77	162928	51.251	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	111735	55.156	ug/l	98
28) Bromochloromethane	7.54	49	57180	55.966	ug/l	98
29) Tetrahydrofuran	7.56	42	62388	274.698	ug/l	97
30) Chloroform	7.70	83	194341	56.630	ug/l	98
31) Cyclohexane	7.98	56	126888	46.775	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	192258	54.739	ug/l	100
36) 1,1-Dichloropropene	8.11	75	137716	52.123	ug/l	98
37) Ethyl Acetate	7.29	43	48180	53.615	ug/l #	90
38) Carbon Tetrachloride	8.09	117	184743	53.669	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	155653	50.011	ug/l	96
40) Benzene	8.34	78	374912	53.940	ug/l	95
41) Methacrylonitrile	7.56	41	37339	67.379	ug/l #	42
42) 1,2-Dichloroethane	8.42	62	139766	57.094	ug/l	99
43) Isopropyl Acetate	8.45	43	97908	54.283	ug/l	98
44) Trichloroethene	9.11	130	118441	52.442	ug/l	97
45) 1,2-Dichloropropane	9.38	63	82849	52.578	ug/l	94
46) Dibromomethane	9.47	93	55439	56.508	ug/l	98
47) Bromodichloromethane	9.66	83	152278	56.440	ug/l	95
48) Methyl methacrylate	9.45	41	48697	52.357	ug/l	95
49) 1,4-Dioxane	9.46	88	12721	1116.667	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	240977	276.178	ug/l	99
52) Toluene	10.40	92	257456	54.673	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	141919	55.435	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	157696	54.877	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	71656	53.951	ug/l	96
56) Ethyl methacrylate	10.66	69	85829	55.823	ug/l	94
57) 1,3-Dichloropropane	10.94	76	118956	54.147	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	180833	283.185	ug/l	96
59) 2-Hexanone	10.98	43	167137	271.564	ug/l	97
60) Dibromochloromethane	11.14	129	112339	56.113	ug/l	99
61) 1,2-Dibromoethane	11.24	107	70734	54.117	ug/l	99
64) Tetrachloroethene	10.87	164	111090	54.020	ug/l	96
65) Chlorobenzene	11.67	112	290115	53.792	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	118420	53.728	ug/l	99
67) Ethyl Benzene	11.74	91	511346	53.862	ug/l	98
68) m/p-Xylenes	11.85	106	387244	107.017	ug/l	97
69) o-Xylene	12.18	106	181783	54.001	ug/l	98
70) Styrene	12.19	104	315885	54.651	ug/l	99
71) Bromoform	12.36	173	69318	55.434	ug/l #	100
73) Isopropylbenzene	12.48	105	499574	52.045	ug/l	98
74) N-amyl acetate	12.28	43	93585	53.981	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	70756	51.601	ug/l	95
76) 1,2,3-Trichloropropane	12.78	75	59677m	59.201	ug/l	
77) Bromobenzene	12.76	156	131576	54.006	ug/l	98
78) n-propylbenzene	12.82	91	562285	51.089	ug/l	100
79) 2-Chlorotoluene	12.91	91	329616	52.437	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	439031	52.973	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	25377	53.437	ug/l	99
82) 4-Chlorotoluene	13.00	91	346554	52.037	ug/l	98
83) tert-Butylbenzene	13.23	119	375705	52.191	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	439651	54.009	ug/l	99
85) sec-Butylbenzene	13.40	105	488788	51.824	ug/l	99
86) p-Isopropyltoluene	13.52	119	477026	52.453	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	240609	52.907	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	239637	52.480	ug/l	99
89) n-Butylbenzene	13.84	91	406850	50.696	ug/l	99
90) Hexachloroethane	14.11	117	90782	50.532	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	211250	53.959	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	15738	54.723	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	160616	52.551	ug/l	99
94) Hexachlorobutadiene	15.27	225	95828	50.453	ug/l	99
95) Naphthalene	15.40	128	264598	55.119	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	140825	53.786	ug/l	99

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

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