

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090920\
 Data File : VD066596.D
 Acq On : 09 Sep 2020 22:32
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/10/2020 10:46:59 AM

Quant Time: Sep 10 02:42:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	333446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	572959	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	525865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	241903	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	232176	57.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.10%	
35) Dibromofluoromethane	7.91	113	213599	55.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.52%	
50) Toluene-d8	10.34	98	762860	55.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.44%	
62) 4-Bromofluorobenzene	12.63	95	256370	55.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	143688	52.371	ug/l	97
3) Chloromethane	2.21	50	202684	48.065	ug/l	98
4) Vinyl Chloride	2.35	62	229497	49.069	ug/l	100
5) Bromomethane	2.77	94	168491	57.682	ug/l #	77
6) Chloroethane	2.92	64	154767	52.098	ug/l	97
7) Trichlorofluoromethane	3.27	101	338390	48.976	ug/l	97
8) Diethyl Ether	3.70	74	91629	52.665	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	184317	49.291	ug/l	98
10) Methyl Iodide	4.30	142	172694	50.580	ug/l	99
11) Tert butyl alcohol	5.21	59	66104	264.616	ug/l	97
12) 1,1-Dichloroethene	4.07	96	171230	50.969	ug/l	91
13) Acrolein	3.92	56	47935	290.587	ug/l	92
14) Allyl chloride	4.71	41	296541	53.860	ug/l	98
15) Acrylonitrile	5.41	53	217024	290.373	ug/l	99
16) Acetone	4.16	43	177399	238.981	ug/l	96
17) Carbon Disulfide	4.41	76	535355	48.474	ug/l	98
18) Methyl Acetate	4.72	43	102737	58.059	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	459100	58.275	ug/l	96
20) Methylene Chloride	4.96	84	223717	56.110	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	208522	52.269	ug/l	99
22) Diisopropyl ether	6.36	45	653337	57.704	ug/l	99
23) Vinyl Acetate	6.30	43	1919497	297.913	ug/l	97
24) 1,1-Dichloroethane	6.26	63	379077	53.241	ug/l	97
25) 2-Butanone	7.21	43	274810	275.782	ug/l	98
26) 2,2-Dichloropropane	7.20	77	310029	47.470	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	230812	53.801	ug/l	98
28) Bromochloromethane	7.54	49	159689	58.256	ug/l	99
29) Tetrahydrofuran	7.56	42	183949	296.407	ug/l	99
30) Chloroform	7.71	83	404413	53.689	ug/l	99
31) Cyclohexane	7.98	56	316243	48.049	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	362100	51.129	ug/l	100
36) 1,1-Dichloropropene	8.11	75	294965	49.468	ug/l	99
37) Ethyl Acetate	7.28	43	129277	54.447	ug/l	95
38) Carbon Tetrachloride	8.09	117	321474	51.007	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	335677	50.415	ug/l	99
40) Benzene	8.34	78	831810	50.935	ug/l	99
41) Methacrylonitrile	7.52	41	61282m	53.320	ug/l	
42) 1,2-Dichloroethane	8.42	62	277555	52.456	ug/l	100
43) Isopropyl Acetate	8.45	43	251795	55.337	ug/l	99
44) Trichloroethene	9.11	130	217978	50.885	ug/l	98
45) 1,2-Dichloropropane	9.38	63	217586	52.981	ug/l	97
46) Dibromomethane	9.47	93	119663	52.813	ug/l	98
47) Bromodichloromethane	9.66	83	321182	52.394	ug/l	94
48) Methyl methacrylate	9.45	41	120790	52.498	ug/l	94
49) 1,4-Dioxane	9.45	88	25869	1040.687	ug/l #	91
51) 4-Methyl-2-Pentanone	10.23	43	667709	290.968	ug/l	98
52) Toluene	10.40	92	543952	52.620	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	291477	53.862	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	343378	52.838	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	157020	53.898	ug/l	96
56) Ethyl methacrylate	10.66	69	199149	58.711	ug/l	99
57) 1,3-Dichloropropane	10.94	76	273492	53.597	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	434439	280.013	ug/l	99
59) 2-Hexanone	10.98	43	446332	289.225	ug/l	100
60) Dibromochloromethane	11.14	129	207300	53.811	ug/l	99
61) 1,2-Dibromoethane	11.24	107	150585	53.130	ug/l	97
64) Tetrachloroethene	10.87	164	177347	50.089	ug/l	98
65) Chlorobenzene	11.67	112	554815	51.119	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	216288	52.215	ug/l	99
67) Ethyl Benzene	11.74	91	1039322	52.151	ug/l	100
68) m/p-Xylenes	11.85	106	772151	104.349	ug/l	97
69) o-Xylene	12.18	106	347340	52.377	ug/l	94
70) Styrene	12.20	104	628061	54.476	ug/l	98
71) Bromoform	12.36	173	110571	52.967	ug/l #	99
73) Isopropylbenzene	12.48	105	967193	54.002	ug/l	100
74) N-amyl acetate	12.29	43	229164	56.494	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	175266	55.391	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	134122m	57.651	ug/l	
77) Bromobenzene	12.76	156	216328	54.177	ug/l	99
78) n-propylbenzene	12.82	91	1171134	53.940	ug/l	100
79) 2-Chlorotoluene	12.91	91	661751	54.330	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	824099	54.668	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	53874	54.064	ug/l	95
82) 4-Chlorotoluene	13.01	91	693402	53.236	ug/l	99
83) tert-Butylbenzene	13.23	119	684509	55.606	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	820133	54.645	ug/l	98
85) sec-Butylbenzene	13.40	105	949667	53.546	ug/l	99
86) p-Isopropyltoluene	13.51	119	877298	54.958	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	419578	52.930	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	405587	50.976	ug/l	99
89) n-Butylbenzene	13.84	91	817350	52.543	ug/l	100
90) Hexachloroethane	14.11	117	181588	52.794	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	355072	51.246	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	29617	55.101	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	227070	54.606	ug/l	97
94) Hexachlorobutadiene	15.27	225	126495	50.635	ug/l	98
95) Naphthalene	15.41	128	448118	61.670	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	201040	56.707	ug/l	99

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

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