

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090920\
 Data File : VD066594.D
 Acq On : 09 Sep 2020 20:16
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/10/2020 10:46:56 AM

Quant Time: Sep 10 02:32:44 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	333815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	567352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	526882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	247586	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	218786	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	
35) Dibromofluoromethane	7.91	113	199806	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
50) Toluene-d8	10.34	98	722570	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
62) 4-Bromofluorobenzene	12.63	95	242172	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	122508	43.967	ug/l	93
3) Chloromethane	2.20	50	180945	42.862	ug/l	98
4) Vinyl Chloride	2.35	62	201706	43.079	ug/l	96
5) Bromomethane	2.77	94	177526	60.971	ug/l	90
6) Chloroethane	2.92	64	138772	46.662	ug/l	98
7) Trichlorofluoromethane	3.27	101	301376	43.571	ug/l	100
8) Diethyl Ether	3.71	74	79704	45.760	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	162222	43.334	ug/l	97
10) Methyl Iodide	4.30	142	92308	28.881	ug/l	100
11) Tert butyl alcohol	5.21	59	54671	208.958	ug/l	97
12) 1,1-Dichloroethene	4.07	96	145968	43.401	ug/l	95
13) Acrolein	3.91	56	47883	289.951	ug/l	91
14) Allyl chloride	4.71	41	256477	46.531	ug/l	99
15) Acrylonitrile	5.42	53	186681	249.499	ug/l	99
16) Acetone	4.16	43	155200	208.845	ug/l	95
17) Carbon Disulfide	4.41	76	469853	42.496	ug/l	98
18) Methyl Acetate	4.71	43	91243	51.506	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	394438	50.012	ug/l	99
20) Methylene Chloride	4.96	84	192371	47.119	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	185433	46.430	ug/l	98
22) Diisopropyl ether	6.36	45	578265	51.017	ug/l	98
23) Vinyl Acetate	6.30	43	1645618	255.124	ug/l	98
24) 1,1-Dichloroethane	6.26	63	328984	46.154	ug/l	98
25) 2-Butanone	7.21	43	234540	235.109	ug/l	97
26) 2,2-Dichloropropane	7.21	77	278154	42.542	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	205559	47.862	ug/l	97
28) Bromochloromethane	7.54	49	151507	55.210	ug/l	98
29) Tetrahydrofuran	7.56	42	152340	245.202	ug/l	100
30) Chloroform	7.71	83	362718	48.100	ug/l	98
31) Cyclohexane	7.98	56	279759	42.459	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	320850	45.255	ug/l	99
36) 1,1-Dichloropropene	8.11	75	267947	45.381	ug/l	98
37) Ethyl Acetate	7.29	43	114682	48.778	ug/l	97
38) Carbon Tetrachloride	8.09	117	285535	45.752	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	299048	45.357	ug/l	98
40) Benzene	8.34	78	746545	46.166	ug/l	99
41) Methacrylonitrile	7.51	41	52956m	46.531	ug/l	
42) 1,2-Dichloroethane	8.42	62	242835	46.347	ug/l	100
43) Isopropyl Acetate	8.44	43	217139	48.193	ug/l	99
44) Trichloroethene	9.11	130	191492	45.144	ug/l	94
45) 1,2-Dichloropropane	9.38	63	189680	46.643	ug/l	96
46) Dibromomethane	9.47	93	107211	47.785	ug/l	97
47) Bromodichloromethane	9.66	83	289331	47.664	ug/l	96
48) Methyl methacrylate	9.46	41	105444	46.282	ug/l	91
49) 1,4-Dioxane	9.46	88	24561	997.832	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	569351	250.559	ug/l	99
52) Toluene	10.40	92	481104	47.000	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	255724	47.722	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	304180	47.269	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	137993	47.835	ug/l	99
56) Ethyl methacrylate	10.66	69	168683	50.221	ug/l	95
57) 1,3-Dichloropropane	10.94	76	243039	48.099	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	401930	261.620	ug/l	98
59) 2-Hexanone	10.98	43	384137	251.383	ug/l	99
60) Dibromochloromethane	11.14	129	185043	48.508	ug/l	99
61) 1,2-Dibromoethane	11.24	107	130578	46.526	ug/l	97
64) Tetrachloroethene	10.87	164	156821	44.206	ug/l	90
65) Chlorobenzene	11.67	112	503255	46.279	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	193455	46.613	ug/l	100
67) Ethyl Benzene	11.74	91	925591	46.355	ug/l	99
68) m/p-Xylenes	11.85	106	685807	92.501	ug/l	96
69) o-Xylene	12.18	106	313040	47.113	ug/l	96
70) Styrene	12.20	104	549659	47.584	ug/l	96
71) Bromoform	12.36	173	98273	46.985	ug/l #	99
73) Isopropylbenzene	12.48	105	858793	46.849	ug/l	99
74) N-amyl acetate	12.29	43	196861	47.416	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	150882	46.590	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	121411m	50.989	ug/l	
77) Bromobenzene	12.76	156	192148	47.017	ug/l	100
78) n-propylbenzene	12.82	91	1040343	46.816	ug/l	99
79) 2-Chlorotoluene	12.91	91	596659	47.861	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	739581	47.936	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	45455	44.568	ug/l	98
82) 4-Chlorotoluene	13.01	91	625331	46.908	ug/l	100
83) tert-Butylbenzene	13.23	119	603900	47.932	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	732684	47.698	ug/l	98
85) sec-Butylbenzene	13.40	105	859228	47.335	ug/l	98
86) p-Isopropyltoluene	13.52	119	773697	47.355	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	372121	45.865	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	363619	44.653	ug/l	98
89) n-Butylbenzene	13.84	91	745683	46.836	ug/l	99
90) Hexachloroethane	14.11	117	163057	46.319	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	318580	44.924	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	25391	46.155	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	199955	46.982	ug/l	99
94) Hexachlorobutadiene	15.27	225	115381	45.126	ug/l	97
95) Naphthalene	15.41	128	384214	51.662	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	178273	49.131	ug/l	100

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

