

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110220\
 Data File : VD067499.D
 Acq On : 02 Nov 2020 18:41
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/3/2020 2:17:41 PM

Quant Time: Nov 03 01:06:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	262091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	404435	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	369302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	191305	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	130201	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
35) Dibromofluoromethane	7.92	113	135097	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
50) Toluene-d8	10.34	98	473840	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
62) 4-Bromofluorobenzene	12.64	95	168889	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	86188	40.102	ug/l	99
3) Chloromethane	2.21	50	64600	39.164	ug/l	97
4) Vinyl Chloride	2.35	62	76142	42.072	ug/l	98
5) Bromomethane	2.77	94	67946	54.145	ug/l	92
6) Chloroethane	2.93	64	53920	47.839	ug/l	99
7) Trichlorofluoromethane	3.28	101	221333	48.567	ug/l	97
8) Diethyl Ether	3.71	74	52308	50.160	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	113899	47.041	ug/l	97
10) Methyl Iodide	4.30	142	124337	55.669	ug/l	97
11) Tert butyl alcohol	5.21	59	27754	192.887	ug/l #	90
12) 1,1-Dichloroethene	4.07	96	100319	46.378	ug/l	97
13) Acrolein	3.92	56	25306	168.946	ug/l	97
14) Allyl chloride	4.71	41	117402	47.394	ug/l	97
15) Acrylonitrile	5.43	53	86835	249.553	ug/l	99
16) Acetone	4.16	43	80948	220.124	ug/l	97
17) Carbon Disulfide	4.41	76	249729	40.498	ug/l	100
18) Methyl Acetate	4.73	43	39718	47.353	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	219034	50.925	ug/l	99
20) Methylene Chloride	4.97	84	125699	53.695	ug/l	91
21) trans-1,2-Dichloroethene	5.47	96	122172	49.080	ug/l	99
22) Diisopropyl ether	6.37	45	236436	52.249	ug/l	93
23) Vinyl Acetate	6.31	43	671484	260.827	ug/l	96
24) 1,1-Dichloroethane	6.27	63	201051	51.903	ug/l	99
25) 2-Butanone	7.21	43	100888	240.677	ug/l #	86
26) 2,2-Dichloropropane	7.21	77	201330	50.426	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	144563	52.990	ug/l	99
28) Bromochloromethane	7.55	49	65672	49.705	ug/l #	94
29) Tetrahydrofuran	7.56	42	55123	236.563	ug/l	89
30) Chloroform	7.71	83	252808	54.633	ug/l	87
31) Cyclohexane	7.99	56	129732	42.896	ug/l	96
32) 1,1,1-Trichloroethane	7.91	97	239058	52.654	ug/l	98
36) 1,1-Dichloropropene	8.11	75	164970	48.126	ug/l	99
37) Ethyl Acetate	7.30	43	48238	47.830	ug/l #	74
38) Carbon Tetrachloride	8.10	117	220900	50.421	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	165037	46.054	ug/l	99
40) Benzene	8.36	78	480982	51.147	ug/l	98
41) Methacrylonitrile	7.53	41	21081	38.681	ug/l #	85
42) 1,2-Dichloroethane	8.43	62	154144	52.378	ug/l	99
43) Isopropyl Acetate	8.46	43	96376	48.159	ug/l	98
44) Trichloroethene	9.12	130	154497	51.312	ug/l	90
45) 1,2-Dichloropropane	9.39	63	108066	49.584	ug/l	97
46) Dibromomethane	9.48	93	68651	50.557	ug/l	97
47) Bromodichloromethane	9.67	83	192367	52.875	ug/l	100
48) Methyl methacrylate	9.46	41	46845	48.169	ug/l	97
49) 1,4-Dioxane	9.46	88	11832	897.280	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	239921	240.369	ug/l	99
52) Toluene	10.41	92	336249	52.498	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	163883	51.279	ug/l	95
54) cis-1,3-Dichloropropene	10.10	75	193838	51.825	ug/l	99
55) 1,1,2-Trichloroethane	10.81	97	95893	51.787	ug/l	98
56) Ethyl methacrylate	10.67	69	96902	50.459	ug/l	98
57) 1,3-Dichloropropane	10.95	76	150488	51.068	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	244846	248.534	ug/l	95
59) 2-Hexanone	10.99	43	166551	244.189	ug/l	99
60) Dibromochloromethane	11.14	129	141434	52.375	ug/l	100
61) 1,2-Dibromoethane	11.25	107	92314	50.569	ug/l	98
64) Tetrachloroethene	10.88	164	131243	49.050	ug/l	94
65) Chlorobenzene	11.68	112	374205	52.841	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	155658	55.304	ug/l	98
67) Ethyl Benzene	11.75	91	649860	53.533	ug/l	99
68) m/p-Xylenes	11.86	106	500185	106.998	ug/l	99
69) o-Xylene	12.18	106	232483	53.706	ug/l	96
70) Styrene	12.20	104	412058	55.296	ug/l	100
71) Bromoform	12.37	173	77362	51.163	ug/l #	97
73) Isopropylbenzene	12.48	105	653841	53.852	ug/l	100
74) N-amyl acetate	12.30	43	84132	45.879	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	90777	48.795	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	68961m	52.010	ug/l	
77) Bromobenzene	12.77	156	160963	53.176	ug/l	98
78) n-propylbenzene	12.83	91	731996	52.035	ug/l	99
79) 2-Chlorotoluene	12.91	91	426912	52.330	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	567796	53.815	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	29264	50.050	ug/l	95
82) 4-Chlorotoluene	13.01	91	455463	52.603	ug/l	100
83) tert-Butylbenzene	13.23	119	481778	54.057	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	569785	54.639	ug/l	99
85) sec-Butylbenzene	13.41	105	637221	52.106	ug/l	100
86) p-Isopropyltoluene	13.52	119	605625	52.468	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	300977	51.659	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	305416	52.910	ug/l	99
89) n-Butylbenzene	13.85	91	528977	52.092	ug/l	99
90) Hexachloroethane	14.12	117	101789	50.534	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	267734	52.602	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	15938	47.158	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	182172	53.086	ug/l	97
94) Hexachlorobutadiene	15.28	225	111654	52.395	ug/l	98
95) Naphthalene	15.41	128	294500	52.270	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	154546	52.130	ug/l	98

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

