

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102221\
 Data File : VW020691.D
 Acq On : 22 Oct 2021 19:13
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/25/2021 11:56:26 AM

Quant Time: Oct 23 06:04:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 05:58:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.952	168	104745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	145492	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	136037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	71199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	51780	44.493	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.980%		
35) Dibromofluoromethane	7.884	113	44424	46.689	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.380%		
50) Toluene-d8	10.323	98	172128	47.329	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.660%		
62) 4-Bromofluorobenzene	12.615	95	64277	48.212	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	14214	43.121	ug/l	94
3) Chloromethane	2.215	50	34054	49.135	ug/l	98
4) Vinyl Chloride	2.355	62	44352	49.888	ug/l	99
5) Bromomethane	2.763	94	24029	45.471	ug/l	96
6) Chloroethane	2.910	64	17728	44.874	ug/l	96
7) Trichlorofluoromethane	3.251	101	29783	46.829	ug/l	98
8) Diethyl Ether	3.684	74	25883	51.013	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.056	101	51547	49.381	ug/l	98
10) Methyl Iodide	4.269	142	66554	51.356	ug/l	99
11) Tert butyl alcohol	5.178	59	17756	249.128	ug/l #	85
12) 1,1-Dichloroethene	4.038	96	49012	50.278	ug/l	96
13) Acrolein	3.891	56	13480	211.281	ug/l	97
14) Allyl chloride	4.665	41	79663	50.619	ug/l	98
15) Acrylonitrile	5.367	53	65132	251.663	ug/l	99
16) Acetone	4.123	43	60893	214.100	ug/l	96
17) Carbon Disulfide	4.385	76	144010	50.833	ug/l	99
18) Methyl Acetate	4.672	43	43301	49.310	ug/l	98
19) Methyl tert-butyl Ether	5.428	73	89021	53.237	ug/l	99
20) Methylene Chloride	4.909	84	56315	50.697	ug/l	99
21) trans-1,2-Dichloroethene	5.428	96	55099	50.612	ug/l	98
22) Diisopropyl ether	6.318	45	157792	51.241	ug/l	97
23) Vinyl Acetate	6.257	43	469927	260.545	ug/l	98
24) 1,1-Dichloroethane	6.214	63	97885	49.719	ug/l	99
25) 2-Butanone	7.171	43	85242	240.179	ug/l	99
26) 2,2-Dichloropropane	7.171	77	61282	47.561	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	59456	51.248	ug/l	98
28) Bromochloromethane	7.513	49	38147	46.871	ug/l #	100
29) Tetrahydrofuran	7.531	42	55771	256.843	ug/l	99
30) Chloroform	7.677	83	101634	49.493	ug/l	95
31) Cyclohexane	7.952	56	95923	48.566	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	85887	49.456	ug/l	99
36) 1,1-Dichloropropene	8.080	75	82753	52.814	ug/l	99
37) Ethyl Acetate	7.257	43	37325	51.483	ug/l	99
38) Carbon Tetrachloride	8.067	117	80025	51.507	ug/l	95
39) Methylcyclohexane	9.335	83	100752	55.151	ug/l	96
40) Benzene	8.323	78	222555	51.903	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	21134	50.037	ug/l	91
42) 1,2-Dichloroethane	8.403	62	71207	51.584	ug/l	100
43) Isopropyl Acetate	8.427	43	70432	52.345	ug/l	98
44) Trichloroethene	9.092	130	61573	52.835	ug/l	98
45) 1,2-Dichloropropane	9.372	63	53281	51.835	ug/l	98
46) Dibromomethane	9.457	93	30411	52.664	ug/l	100
47) Bromodichloromethane	9.646	83	73705	51.781	ug/l	99
48) Methyl methacrylate	9.439	41	35776	55.262	ug/l	95
49) 1,4-Dioxane	9.451	88	8944	1165.387	ug/l	99
51) 4-Methyl-2-Pentanone	10.207	43	192455	263.078	ug/l	100
52) Toluene	10.390	92	142644	52.955	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	76541	52.843	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	85847	52.314	ug/l	97
55) 1,1,2-Trichloroethane	10.786	97	41726	51.863	ug/l	97
56) Ethyl methacrylate	10.646	69	57222	55.323	ug/l	99
57) 1,3-Dichloropropane	10.933	76	73367	52.631	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	120650	258.794	ug/l	98
59) 2-Hexanone	10.969	43	135128	261.069	ug/l	100
60) Dibromochloromethane	11.128	129	49707	52.407	ug/l	98
61) 1,2-Dibromoethane	11.231	107	41134	52.840	ug/l	99
64) Tetrachloroethene	10.866	164	56394	53.391	ug/l #	84
65) Chlorobenzene	11.658	112	151252	51.651	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.725	131	54906	51.723	ug/l	98
67) Ethyl Benzene	11.731	91	281027	52.998	ug/l	99
68) m/p-Xylenes	11.835	106	214695	104.721	ug/l	99
69) o-Xylene	12.164	106	100986	53.449	ug/l	98
70) Styrene	12.182	104	174618	53.950	ug/l	100
71) Bromoform	12.347	173	31515	50.638	ug/l #	98
73) Isopropylbenzene	12.463	105	281697	54.926	ug/l	100
74) N-amyl acetate	12.268	43	68407	54.959	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	49370	51.383	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	40190m	50.950	ug/l	
77) Bromobenzene	12.743	156	63315	51.468	ug/l	98
78) n-propylbenzene	12.804	91	342394	54.358	ug/l	100
79) 2-Chlorotoluene	12.890	91	192373	53.090	ug/l	100
80) 1,3,5-Trimethylbenzene	12.938	105	242499	54.706	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	16264	52.966	ug/l	98
82) 4-Chlorotoluene	12.987	91	201701	52.922	ug/l	99
83) tert-Butylbenzene	13.201	119	212851	55.641	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	240069	54.710	ug/l	100
85) sec-Butylbenzene	13.383	105	319649	55.702	ug/l	100
86) p-Isopropyltoluene	13.493	119	269451	55.198	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	127699	50.441	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	128908	50.990	ug/l	99
89) n-Butylbenzene	13.822	91	247956	54.772	ug/l	100
90) Hexachloroethane	14.091	117	45808	53.767	ug/l	100
91) 1,2-Dichlorobenzene	13.871	146	115987	51.588	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	8905	51.348	ug/l	97
93) 1,2,4-Trichlorobenzene	15.127	180	78697	52.764	ug/l	95
94) Hexachlorobutadiene	15.231	225	54584	56.515	ug/l	96
95) Naphthalene	15.359	128	148065	55.741	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	69059	51.136	ug/l	97

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

