

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102621\
 Data File : VW020700.D
 Acq On : 26 Oct 2021 15:33
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/27/2021 5:02:23 PM

Quant Time: Oct 27 05:59:02 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	120990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	171552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	156369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	81180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	62213	46.280	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.560%		
35) Dibromofluoromethane	7.884	113	56200	50.092	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.180%		
50) Toluene-d8	10.323	98	214972	50.131	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.260%		
62) 4-Bromofluorobenzene	12.615	95	80309	51.087	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.001	85	17429	45.320	ug/l	95
3) Chloromethane	2.209	50	41202	51.467	ug/l	100
4) Vinyl Chloride	2.355	62	52642	51.262	ug/l	98
5) Bromomethane	2.763	94	28551	46.774	ug/l	99
6) Chloroethane	2.910	64	20637	45.223	ug/l	96
7) Trichlorofluoromethane	3.251	101	34846	47.433	ug/l	99
8) Diethyl Ether	3.684	74	28892	49.298	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.050	101	59663	49.482	ug/l	99
10) Methyl Iodide	4.263	142	75983	50.759	ug/l	99
11) Tert butyl alcohol	5.178	59	16842	204.576	ug/l #	84
12) 1,1-Dichloroethene	4.038	96	59361	52.718	ug/l	96
13) Acrolein	3.891	56	18394	249.592	ug/l	96
14) Allyl chloride	4.666	41	98340	54.096	ug/l	99
15) Acrylonitrile	5.367	53	68176	228.055	ug/l	99
16) Acetone	4.123	43	73963	225.137	ug/l	97
17) Carbon Disulfide	4.379	76	170584	52.129	ug/l	99
18) Methyl Acetate	4.672	43	43594	42.978	ug/l	99
19) Methyl tert-butyl Ether	5.428	73	95603	49.497	ug/l	100
20) Methylene Chloride	4.915	84	66851	52.314	ug/l	98
21) trans-1,2-Dichloroethene	5.421	96	65831	52.351	ug/l	99
22) Diisopropyl ether	6.312	45	187012	52.576	ug/l	99
23) Vinyl Acetate	6.257	43	532627	255.658	ug/l	99
24) 1,1-Dichloroethane	6.214	63	117715	51.763	ug/l	99
25) 2-Butanone	7.171	43	90569	220.925	ug/l	98
26) 2,2-Dichloropropane	7.165	77	77320	51.950	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	70442	52.565	ug/l	100
28) Bromochloromethane	7.513	49	46626	49.597	ug/l #	99
29) Tetrahydrofuran	7.531	42	56956	227.082	ug/l	97
30) Chloroform	7.677	83	117887	49.699	ug/l	96
31) Cyclohexane	7.952	56	112927	49.498	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	100868	50.284	ug/l	99
36) 1,1-Dichloropropene	8.080	75	97255	52.640	ug/l	99
37) Ethyl Acetate	7.257	43	38883	45.485	ug/l	99
38) Carbon Tetrachloride	8.067	117	94263	51.455	ug/l	99
39) Methylcyclohexane	9.335	83	119817	55.624	ug/l	99
40) Benzene	8.323	78	263682	52.153	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	25003	50.204	ug/l	100
42) 1,2-Dichloroethane	8.403	62	81214	49.896	ug/l	100
43) Isopropyl Acetate	8.427	43	75629	47.669	ug/l	98
44) Trichloroethene	9.092	130	71604	52.109	ug/l	98
45) 1,2-Dichloropropane	9.372	63	63404	52.313	ug/l	100
46) Dibromomethane	9.457	93	33639	49.405	ug/l	99
47) Bromodichloromethane	9.646	83	86645	51.625	ug/l	98
48) Methyl methacrylate	9.439	41	38773	50.794	ug/l	94
49) 1,4-Dioxane	9.445	88	8208	907.025	ug/l	98
51) 4-Methyl-2-Pentanone	10.207	43	198893	230.578	ug/l	100
52) Toluene	10.390	92	169097	53.239	ug/l	100
53) t-1,3-Dichloropropene	10.603	75	89462	52.381	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	103395	53.436	ug/l	99
55) 1,1,2-Trichloroethane	10.786	97	45971	48.460	ug/l	97
56) Ethyl methacrylate	10.646	69	62935	51.603	ug/l	99
57) 1,3-Dichloropropane	10.933	76	83103	50.560	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	132818	241.617	ug/l	100
59) 2-Hexanone	10.969	43	141156	231.288	ug/l	100
60) Dibromochloromethane	11.128	129	56029	50.099	ug/l	99
61) 1,2-Dibromoethane	11.238	107	45043	49.072	ug/l	100
64) Tetrachloroethene	10.860	164	60572	49.890	ug/l	96
65) Chlorobenzene	11.658	112	174653	51.888	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	63981	52.435	ug/l	98
67) Ethyl Benzene	11.731	91	329396	54.042	ug/l	97
68) m/p-Xylenes	11.841	106	257087	109.093	ug/l	97
69) o-Xylene	12.164	106	117483	54.096	ug/l	99
70) Styrene	12.182	104	203963	54.823	ug/l	99
71) Bromoform	12.347	173	34702	48.509	ug/l #	99
73) Isopropylbenzene	12.463	105	324946	55.569	ug/l	99
74) N-amyl acetate	12.274	43	71772	50.573	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.713	83	52298	47.738	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	42595m	47.360	ug/l	
77) Bromobenzene	12.749	156	74095	52.825	ug/l	99
78) n-propylbenzene	12.804	91	402655	56.065	ug/l	98
79) 2-Chlorotoluene	12.890	91	225189	54.505	ug/l	99
80) 1,3,5-Trimethylbenzene	12.945	105	282624	55.919	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	17595	50.255	ug/l	99
82) 4-Chlorotoluene	12.987	91	236123	54.337	ug/l	98
83) tert-Butylbenzene	13.207	119	244020	55.946	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	278088	55.582	ug/l	98
85) sec-Butylbenzene	13.383	105	366044	55.944	ug/l	100
86) p-Isopropyltoluene	13.493	119	306633	55.092	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	153947	53.333	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	147663	51.228	ug/l	100
89) n-Butylbenzene	13.822	91	292000	56.570	ug/l	99
90) Hexachloroethane	14.091	117	53236	54.803	ug/l	97
91) 1,2-Dichlorobenzene	13.871	146	130059	50.735	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	8839	44.701	ug/l	98
93) 1,2,4-Trichlorobenzene	15.133	180	92567	54.433	ug/l	97
94) Hexachlorobutadiene	15.231	225	62162	56.448	ug/l	97
95) Naphthalene	15.365	128	155278	51.270	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	75856	49.263	ug/l	95

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

