

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102621\
 Data File : VW020693.D
 Acq On : 26 Oct 2021 11:46
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda

10/27/2021 5:02:13 PM

Quant Time: Oct 27 05:56:47 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	7.945	168	117264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	167225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	150698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	81361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	58768	45.107	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.220%
35) Dibromofluoromethane	7.884	113	52193	47.725	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.440%
50) Toluene-d8	10.323	98	202166	48.364	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.720%
62) 4-Bromofluorobenzene	12.615	95	75845	49.496	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	22225	57.291	ug/l	94
3) Chloromethane	2.215	50	43441	55.988	ug/l	100
4) Vinyl Chloride	2.355	62	55123	55.384	ug/l	97
5) Bromomethane	2.769	94	29526	49.908	ug/l	96
6) Chloroethane	2.910	64	21838	49.376	ug/l	98
7) Trichlorofluoromethane	3.251	101	32935	46.257	ug/l	93
8) Diethyl Ether	3.684	74	29504	51.941	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.062	101	62329	53.336	ug/l	98
10) Methyl Iodide	4.263	142	79699	54.933	ug/l	99
11) Tert butyl alcohol	5.165	59	16627	208.382	ug/l #	85
12) 1,1-Dichloroethene	4.038	96	60279	55.234	ug/l	98
13) Acrolein	3.891	56	18091	253.280	ug/l	98
14) Allyl chloride	4.659	41	100859	57.245	ug/l	99
15) Acrylonitrile	5.360	53	67582	233.251	ug/l	100
16) Acetone	4.117	43	78813	247.523	ug/l	94
17) Carbon Disulfide	4.379	76	176050	55.508	ug/l	100
18) Methyl Acetate	4.672	43	44234	44.995	ug/l	99
19) Methyl tert-butyl Ether	5.428	73	97792	52.239	ug/l	99
20) Methylene Chloride	4.909	84	64102	51.675	ug/l	98
21) trans-1,2-Dichloroethene	5.421	96	65745	53.944	ug/l	99
22) Diisopropyl ether	6.312	45	190287	55.196	ug/l	98
23) Vinyl Acetate	6.251	43	535389	265.149	ug/l	99
24) 1,1-Dichloroethane	6.214	63	119588	54.258	ug/l	98
25) 2-Butanone	7.171	43	92255	232.188	ug/l	99
26) 2,2-Dichloropropane	7.165	77	79193	54.900	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	70999	54.664	ug/l	99
28) Bromochloromethane	7.513	49	47576	52.216	ug/l #	100
29) Tetrahydrofuran	7.531	42	55671	229.011	ug/l	98
30) Chloroform	7.677	83	119507	51.983	ug/l	98
31) Cyclohexane	7.951	56	115423	52.200	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	101839	52.382	ug/l	99
36) 1,1-Dichloropropene	8.079	75	99167	55.064	ug/l	100
37) Ethyl Acetate	7.250	43	39844	47.815	ug/l	98
38) Carbon Tetrachloride	8.073	117	93692	52.467	ug/l	95
39) Methylcyclohexane	9.335	83	119910	57.107	ug/l	99
40) Benzene	8.323	78	266383	54.050	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	22843	47.054	ug/l	93
42) 1,2-Dichloroethane	8.397	62	81116	51.126	ug/l	100
43) Isopropyl Acetate	8.421	43	75231	48.645	ug/l	98
44) Trichloroethene	9.092	130	71109	53.088	ug/l	98
45) 1,2-Dichloropropane	9.372	63	64039	54.204	ug/l	98
46) Dibromomethane	9.457	93	34127	51.418	ug/l	98
47) Bromodichloromethane	9.646	83	88078	53.837	ug/l	98
48) Methyl methacrylate	9.433	41	38364	51.558	ug/l	94
49) 1,4-Dioxane	9.451	88	8225	932.421	ug/l	97
51) 4-Methyl-2-Pentanone	10.207	43	194115	230.862	ug/l	100
52) Toluene	10.384	92	170505	55.071	ug/l	100
53) t-1,3-Dichloropropene	10.603	75	91544	54.987	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	104923	55.629	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	47252	51.099	ug/l	97
56) Ethyl methacrylate	10.646	69	62493	52.567	ug/l	98
57) 1,3-Dichloropropane	10.933	76	82787	51.671	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.921	63	129563	241.794	ug/l	99
59) 2-Hexanone	10.969	43	142028	238.739	ug/l	100
60) Dibromochloromethane	11.128	129	56981	52.268	ug/l	100
61) 1,2-Dibromoethane	11.237	107	44640	49.891	ug/l	98
64) Tetrachloroethene	10.866	164	61125	52.240	ug/l	93
65) Chlorobenzene	11.658	112	179263	55.261	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.731	131	64289	54.670	ug/l	100
67) Ethyl Benzene	11.731	91	333174	56.719	ug/l	98
68) m/p-Xylenes	11.835	106	258064	113.629	ug/l	100
69) o-Xylene	12.164	106	120301	57.478	ug/l	99
70) Styrene	12.182	104	203285	56.697	ug/l	98
71) Bromoform	12.347	173	35528	51.532	ug/l #	96
73) Isopropylbenzene	12.463	105	331601	56.581	ug/l	100
74) N-amyl acetate	12.274	43	72607	51.048	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.713	83	53053	48.319	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	42624m	47.287	ug/l	
77) Bromobenzene	12.743	156	75360	53.608	ug/l	98
78) n-propylbenzene	12.804	91	410688	57.057	ug/l	98
79) 2-Chlorotoluene	12.890	91	229994	55.544	ug/l	100
80) 1,3,5-Trimethylbenzene	12.944	105	290507	57.351	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	17950	51.155	ug/l	100
82) 4-Chlorotoluene	12.987	91	240195	55.151	ug/l	100
83) tert-Butylbenzene	13.207	119	246941	56.490	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	285854	57.007	ug/l	99
85) sec-Butylbenzene	13.383	105	368255	56.157	ug/l	100
86) p-Isopropyltoluene	13.493	119	312745	56.065	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	157627	54.486	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	154648	53.532	ug/l	98
89) n-Butylbenzene	13.822	91	295973	57.213	ug/l	99
90) Hexachloroethane	14.091	117	55212	56.710	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	137141	53.378	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	9081	45.823	ug/l	97
93) 1,2,4-Trichlorobenzene	15.127	180	93287	54.734	ug/l	99
94) Hexachlorobutadiene	15.231	225	60853	55.137	ug/l	96
95) Naphthalene	15.365	128	157130	51.766	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	80912	52.429	ug/l	97

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

