

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102221\
 Data File : VW020678.D
 Acq On : 22 Oct 2021 12:48
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda

10/25/2021 11:56:04 AM

Quant Time: Oct 23 05:25:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 05:24:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	98696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	145683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	135924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	74696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	6161	5.382	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.760%#
35) Dibromofluoromethane	7.890	113	5195	5.448	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.900%#
50) Toluene-d8	10.323	98	18938	5.331	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	10.660%#
62) 4-Bromofluorobenzene	12.615	95	7122	5.453	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	10.900%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	999	1.861	ug/l	91
3) Chloromethane	2.215	50	3727	4.349	ug/l	97
4) Vinyl Chloride	2.355	62	4603	3.435	ug/l	93
5) Bromomethane	2.769	94	2986	2.836	ug/l	96
6) Chloroethane	2.916	64	2185	2.493	ug/l	95
7) Trichlorofluoromethane	3.257	101	3114	3.974	ug/l	99
8) Diethyl Ether	3.684	74	2538	5.089	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.062	101	5592	5.292	ug/l	98
10) Methyl Iodide	4.269	142	6262	4.372	ug/l	99
11) Tert butyl alcohol	5.171	59	1913	32.903	ug/l #	96
12) 1,1-Dichloroethene	4.044	96	4745	4.784	ug/l	95
13) Acrolein	3.885	56	1552	33.765	ug/l	95
14) Allyl chloride	4.672	41	7502	5.376	ug/l	100
15) Acrylonitrile	5.379	53	6387	29.126	ug/l	99
16) Acetone	4.129	43	7226	35.231	ug/l	90
17) Carbon Disulfide	4.385	76	14583	4.823	ug/l	95
18) Methyl Acetate	4.672	43	4717	8.110	ug/l	95
19) Methyl tert-butyl Ether	5.428	73	7999	5.789	ug/l	97
20) Methylene Chloride	4.915	84	11576	8.474	ug/l	97
21) trans-1,2-Dichloroethene	5.421	96	5598	4.971	ug/l	94
22) Diisopropyl ether	6.318	45	14226	4.874	ug/l	97
23) Vinyl Acetate	6.263	43	39341	24.240	ug/l	100
24) 1,1-Dichloroethane	6.214	63	9916	4.877	ug/l	96
25) 2-Butanone	7.177	43	8570	30.377	ug/l	95
26) 2,2-Dichloropropane	7.171	77	6645	5.323	ug/l	96
27) cis-1,2-Dichloroethene	7.171	96	5559	4.626	ug/l	98
28) Bromochloromethane	7.513	49	4314	5.332	ug/l #	97
29) Tetrahydrofuran	7.537	42	5149	29.526	ug/l	94
30) Chloroform	7.677	83	10714	5.015	ug/l	97
31) Cyclohexane	7.951	56	11358	6.125	ug/l #	91
32) 1,1,1-Trichloroethane	7.878	97	8950	5.141	ug/l	99
36) 1,1-Dichloropropene	8.086	75	8365	5.497	ug/l	99
37) Ethyl Acetate	7.256	43	3772	6.306	ug/l #	96
38) Carbon Tetrachloride	8.067	117	8527	5.516	ug/l	98
39) Methylcyclohexane	9.335	83	9327	5.316	ug/l	93
40) Benzene	8.323	78	23609	5.647	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	1980	5.797	ug/l	94
42) 1,2-Dichloroethane	8.403	62	7522	5.783	ug/l	99
43) Isopropyl Acetate	8.427	43	6606	5.875	ug/l	96
44) Trichloroethene	9.091	130	6269	5.674	ug/l	90
45) 1,2-Dichloropropane	9.366	63	5511	5.421	ug/l	97
46) Dibromomethane	9.457	93	3022	5.244	ug/l	99
47) Bromodichloromethane	9.646	83	7558	5.291	ug/l	94
48) Methyl methacrylate	9.439	41	3248	6.489	ug/l	93
49) 1,4-Dioxane	9.445	88	736	99.587	ug/l #	91
51) 4-Methyl-2-Pentanone	10.213	43	18112	30.606	ug/l	97
52) Toluene	10.390	92	13609	5.138	ug/l	97
53) t-1,3-Dichloropropene	10.610	75	7172	5.168	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	8115	5.067	ug/l	95
55) 1,1,2-Trichloroethane	10.786	97	4272	5.407	ug/l	97
56) Ethyl methacrylate	10.646	69	4563	5.036	ug/l	98
57) 1,3-Dichloropropane	10.933	76	7384	5.474	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	10533	25.465	ug/l	100
59) 2-Hexanone	10.969	43	12335	30.653	ug/l	94
60) Dibromochloromethane	11.128	129	4848	5.323	ug/l	96
61) 1,2-Dibromoethane	11.237	107	4117	5.542	ug/l	100
64) Tetrachloroethene	10.859	164	5868	6.168	ug/l	96
65) Chlorobenzene	11.658	112	15692	5.431	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	5558	5.388	ug/l	100
67) Ethyl Benzene	11.731	91	26726	5.238	ug/l	96
68) m/p-Xylenes	11.841	106	20462	10.241	ug/l	100
69) o-Xylene	12.170	106	9460	5.180	ug/l	93
70) Styrene	12.182	104	15375	4.947	ug/l	98
71) Bromoform	12.347	173	3126	5.939	ug/l #	98
73) Isopropylbenzene	12.463	105	26022	4.989	ug/l	98
74) N-amyl acetate	12.274	43	5752	5.108	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.713	83	5446	5.554	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	4405m	6.108	ug/l	
77) Bromobenzene	12.749	156	6504	5.293	ug/l	98
78) n-propylbenzene	12.804	91	32628	4.981	ug/l	98
79) 2-Chlorotoluene	12.890	91	19568	5.124	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	22732	4.945	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	1506	5.099	ug/l	95
82) 4-Chlorotoluene	12.987	91	20530	5.136	ug/l	98
83) tert-Butylbenzene	13.207	119	19556	5.041	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	22487	5.012	ug/l	99
85) sec-Butylbenzene	13.383	105	30682	5.241	ug/l	99
86) p-Isopropyltoluene	13.493	119	25042	5.098	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	14715	5.670	ug/l	96
88) 1,4-Dichlorobenzene	13.578	146	14812	5.763	ug/l	95
89) n-Butylbenzene	13.822	91	23178	4.934	ug/l	98
90) Hexachloroethane	14.091	117	4752	5.118	ug/l	95
91) 1,2-Dichlorobenzene	13.871	146	12935	5.777	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.487	75	986	6.031	ug/l	92
93) 1,2,4-Trichlorobenzene	15.127	180	8635	6.203	ug/l	95
94) Hexachlorobutadiene	15.237	225	5567	6.654	ug/l	96
95) Naphthalene	15.365	128	13356	5.513	ug/l	97
96) 1,2,3-Trichlorobenzene	15.554	180	7757	6.322	ug/l	97

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

