

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102221\
 Data File : VW020684.D
 Acq On : 22 Oct 2021 15:36
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW102221

Manual Integrations
 APPROVED

MMDadoda
 10/25/2021 11:56:15 AM

Quant Time: Oct 23 06:02:44 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	103729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	146990	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	133105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	72471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	57265	49.688	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.380%			
35) Dibromofluoromethane	7.885	113	48909	50.878	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.760%			
50) Toluene-d8	10.323	98	187315	50.980	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.960%			
62) 4-Bromofluorobenzene	12.615	95	70119	52.058	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	17006	50.556	ug/l	95
3) Chloromethane	2.209	50	34749	50.629	ug/l	98
4) Vinyl Chloride	2.355	62	45118	51.247	ug/l	98
5) Bromomethane	2.764	94	25735	49.176	ug/l	99
6) Chloroethane	2.910	64	19224	49.137	ug/l	96
7) Trichlorofluoromethane	3.251	101	32100	50.967	ug/l	100
8) Diethyl Ether	3.678	74	26256	52.255	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.056	101	51403	49.726	ug/l	98
10) Methyl Iodide	4.269	142	64064	49.919	ug/l	99
11) Tert butyl alcohol	5.184	59	17202	243.719	ug/l #	85
12) 1,1-Dichloroethene	4.038	96	50204	52.005	ug/l	94
13) Acrolein	3.891	56	15071	238.531	ug/l	98
14) Allyl chloride	4.666	41	82311	52.813	ug/l	99
15) Acrylonitrile	5.367	53	67224	262.290	ug/l	100
16) Acetone	4.123	43	73206	259.913	ug/l	98
17) Carbon Disulfide	4.379	76	146545	52.235	ug/l	100
18) Methyl Acetate	4.672	43	43969	50.561	ug/l	100
19) Methyl tert-butyl Ether	5.428	73	89157	53.841	ug/l	99
20) Methylene Chloride	4.916	84	57692	52.710	ug/l	98
21) trans-1,2-Dichloroethene	5.422	96	55867	51.820	ug/l	99
22) Diisopropyl ether	6.312	45	157107	51.518	ug/l	99
23) Vinyl Acetate	6.251	43	484941	271.503	ug/l	98
24) 1,1-Dichloroethane	6.214	63	98735	50.642	ug/l	99
25) 2-Butanone	7.171	43	92965	264.505	ug/l	98
26) 2,2-Dichloropropane	7.165	77	64389	50.461	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	59549	51.831	ug/l	98
28) Bromochloromethane	7.513	49	41400	51.366	ug/l #	98
29) Tetrahydrofuran	7.531	42	57337	266.641	ug/l	99
30) Chloroform	7.677	83	100890	49.611	ug/l	96
31) Cyclohexane	7.952	56	96784	49.482	ug/l	95
32) 1,1,1-Trichloroethane	7.872	97	86455	50.271	ug/l	100
36) 1,1-Dichloropropene	8.080	75	82605	52.182	ug/l	99
37) Ethyl Acetate	7.251	43	40099	54.745	ug/l	99
38) Carbon Tetrachloride	8.067	117	78933	50.287	ug/l	94
39) Methylcyclohexane	9.336	83	100252	54.318	ug/l	99
40) Benzene	8.323	78	223953	51.697	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	21837	51.174	ug/l	94
42) 1,2-Dichloroethane	8.397	62	70688	50.686	ug/l	99
43) Isopropyl Acetate	8.427	43	73817	54.301	ug/l	100
44) Trichloroethene	9.092	130	59983	50.946	ug/l	99
45) 1,2-Dichloropropane	9.366	63	53279	51.305	ug/l	99
46) Dibromomethane	9.457	93	30303	51.942	ug/l	98
47) Bromodichloromethane	9.646	83	73990	51.452	ug/l	98
48) Methyl methacrylate	9.439	41	37308	57.042	ug/l	95
49) 1,4-Dioxane	9.457	88	8151	1051.237	ug/l	99
51) 4-Methyl-2-Pentanone	10.207	43	199650	270.132	ug/l	100
52) Toluene	10.390	92	140596	51.662	ug/l	98
53) t-1,3-Dichloropropene	10.604	75	77355	52.861	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	86970	52.458	ug/l	97
55) 1,1,2-Trichloroethane	10.786	97	41721	51.329	ug/l	95
56) Ethyl methacrylate	10.646	69	58674	56.149	ug/l	98
57) 1,3-Dichloropropane	10.933	76	72580	51.536	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	117145	248.715	ug/l	99
59) 2-Hexanone	10.969	43	141812	271.191	ug/l	99
60) Dibromochloromethane	11.128	129	50065	52.246	ug/l	98
61) 1,2-Dibromoethane	11.232	107	40535	51.540	ug/l	99
64) Tetrachloroethene	10.860	164	53541	51.806	ug/l	94
65) Chlorobenzene	11.658	112	148317	51.765	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	54569	52.537	ug/l	98
67) Ethyl Benzene	11.731	91	275534	53.106	ug/l	99
68) m/p-Xylenes	11.841	106	213525	106.444	ug/l	99
69) o-Xylene	12.164	106	97815	52.911	ug/l	99
70) Styrene	12.183	104	169779	53.610	ug/l	99
71) Bromoform	12.347	173	30200	49.594	ug/l #	97
73) Isopropylbenzene	12.463	105	274207	52.528	ug/l	99
74) N-amyl acetate	12.274	43	68722	54.243	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.713	83	49635	50.752	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	40421m	50.344	ug/l	
77) Bromobenzene	12.743	156	63019	50.328	ug/l	99
78) n-propylbenzene	12.804	91	334146	52.117	ug/l	99
79) 2-Chlorotoluene	12.890	91	185173	50.206	ug/l	98
80) 1,3,5-Trimethylbenzene	12.945	105	238244	52.803	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	16972	54.301	ug/l	99
82) 4-Chlorotoluene	12.987	91	196872	50.748	ug/l	99
83) tert-Butylbenzene	13.207	119	206413	53.011	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	230185	51.536	ug/l	98
85) sec-Butylbenzene	13.384	105	302005	51.703	ug/l	99
86) p-Isopropyltoluene	13.493	119	261815	52.693	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	126607	49.132	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	126410	49.125	ug/l	99
89) n-Butylbenzene	13.823	91	242306	52.584	ug/l	99
90) Hexachloroethane	14.091	117	44214	50.985	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	111765	48.838	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	9206	52.152	ug/l	97
93) 1,2,4-Trichlorobenzene	15.127	180	78704	51.842	ug/l	95
94) Hexachlorobutadiene	15.231	225	50605	51.476	ug/l	96
95) Naphthalene	15.365	128	149687	55.363	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	69761	50.749	ug/l	97

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

