

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102821\
 Data File : VW020715.D
 Acq On : 28 Oct 2021 11:37
 Operator : SY/VA
 Sample : VSTDIC150
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 10/29/2021 4:39:09 PM

Quant Time: Oct 29 04:59:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102821S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 04:51:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	120757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	179225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	162996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	81900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	160096	134.876	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 269.760%#	
35) Dibromofluoromethane	7.885	113	141667	134.743	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 269.480%#	
50) Toluene-d8	10.323	98	536599	136.000	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 272.000%#	
62) 4-Bromofluorobenzene	12.615	95	202452	136.008	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 272.020%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	60871	205.215	ug/l	96
3) Chloromethane	2.209	50	122396	169.515	ug/l	99
4) Vinyl Chloride	2.355	62	132038	156.257	ug/l	99
5) Bromomethane	2.727	94	55962	163.688	ug/l	93
6) Chloroethane	2.898	64	39565	188.196	ug/l	99
7) Trichlorofluoromethane	3.239	101	56436	141.952	ug/l	92
8) Diethyl Ether	3.678	74	79294	160.920	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.056	101	147744	151.732	ug/l	99
10) Methyl Iodide	4.269	142	184004	167.752	ug/l	100
11) Tert butyl alcohol	5.178	59	48996	775.595	ug/l	99
12) 1,1-Dichloroethene	4.038	96	152957	161.157	ug/l	96
13) Acrolein	3.885	56	22180	798.607	ug/l	98
14) Allyl chloride	4.660	41	219369	150.289	ug/l	99
15) Acrylonitrile	5.361	53	184668	800.500	ug/l	99
16) Acetone	4.123	43	213289	803.136	ug/l	98
17) Carbon Disulfide	4.379	76	420629	160.112	ug/l	99
18) Methyl Acetate	4.666	43	132491	156.095	ug/l	100
19) Methyl tert-butyl Ether	5.428	73	201231	154.717	ug/l	99
20) Methylene Chloride	4.909	84	146752	116.415	ug/l	99
21) trans-1,2-Dichloroethene	5.422	96	163505	154.028	ug/l	95
22) Diisopropyl ether	6.312	45	476605	156.528	ug/l	99
23) Vinyl Acetate	6.251	43	1383177	834.814	ug/l	99
24) 1,1-Dichloroethane	6.214	63	295061	151.179	ug/l	100
25) 2-Butanone	7.171	43	260267	815.080	ug/l	98
26) 2,2-Dichloropropane	7.159	77	156823	144.409	ug/l	99
27) cis-1,2-Dichloroethene	7.165	96	181463	156.286	ug/l	100
28) Bromochloromethane	7.513	49	133142	146.811	ug/l #	99
29) Tetrahydrofuran	7.531	42	159887	827.535	ug/l	98
30) Chloroform	7.671	83	304016	149.205	ug/l	100
31) Cyclohexane	7.952	56	283304	142.426	ug/l	98
32) 1,1,1-Trichloroethane	7.866	97	230944	148.036	ug/l	99
36) 1,1-Dichloropropene	8.080	75	242392	151.603	ug/l	100
37) Ethyl Acetate	7.250	43	109975	161.180	ug/l	99
38) Carbon Tetrachloride	8.067	117	217682	147.839	ug/l	95
39) Methylcyclohexane	9.335	83	309177	160.034	ug/l	97
40) Benzene	8.323	78	664300	144.767	ug/l	100

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41) Methacrylonitrile	7.482	41	65741	163.775	ug/l	95
42) 1,2-Dichloroethane	8.397	62	208574	147.889	ug/l	100
43) Isopropyl Acetate	8.421	43	215484	164.882	ug/l	99
44) Trichloroethene	9.092	130	180407	149.647	ug/l	96
45) 1,2-Dichloropropane	9.366	63	162092	149.762	ug/l	98
46) Dibromomethane	9.457	93	88754	150.911	ug/l	98
47) Bromodichloromethane	9.646	83	228183	152.842	ug/l	96
48) Methyl methacrylate	9.433	41	108375	175.428	ug/l	95
49) 1,4-Dioxane	9.445	88	25312	3246.371	ug/l	99
51) 4-Methyl-2-Pentanone	10.207	43	555627	812.681	ug/l	100
52) Toluene	10.390	92	426579	152.091	ug/l	98
53) t-1,3-Dichloropropene	10.604	75	244306	162.429	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	273407	158.014	ug/l	99
55) 1,1,2-Trichloroethane	10.786	97	122875	149.778	ug/l	95
56) Ethyl methacrylate	10.646	69	175931	171.699	ug/l	99
57) 1,3-Dichloropropane	10.933	76	218381	152.601	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.921	63	369296	760.022	ug/l	99
59) 2-Hexanone	10.969	43	398376	823.928	ug/l	100
60) Dibromochloromethane	11.128	129	155341	158.443	ug/l	97
61) 1,2-Dibromoethane	11.238	107	121613	154.898	ug/l	100
64) Tetrachloroethene	10.860	164	158573	152.771	ug/l	97
65) Chlorobenzene	11.658	112	451877	152.879	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	168987	156.874	ug/l	99
67) Ethyl Benzene	11.731	91	845514	157.905	ug/l	98
68) m/p-Xylenes	11.841	106	650614	313.680	ug/l	100
69) o-Xylene	12.164	106	308533	161.612	ug/l	100
70) Styrene	12.183	104	524419	160.246	ug/l	99
71) Bromoform	12.347	173	95628	162.415	ug/l #	99
73) Isopropylbenzene	12.463	105	848870	171.698	ug/l	99
74) N-amyl acetate	12.274	43	206665	182.477	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	142319	163.191	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	113848m	259.175	ug/l	
77) Bromobenzene	12.743	156	196572	164.260	ug/l	99
78) n-propylbenzene	12.804	91	1019237	167.237	ug/l	100
79) 2-Chlorotoluene	12.890	91	576540	164.251	ug/l	99
80) 1,3,5-Trimethylbenzene	12.945	105	713925	165.931	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	50130	178.324	ug/l	98
82) 4-Chlorotoluene	12.987	91	603138	161.896	ug/l	97
83) tert-Butylbenzene	13.207	119	609985	166.766	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	712142	166.206	ug/l	100
85) sec-Butylbenzene	13.384	105	920147	167.221	ug/l	100
86) p-Isopropyltoluene	13.493	119	775468	165.981	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	386695	157.658	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	382350	156.257	ug/l	98
89) n-Butylbenzene	13.822	91	731465	166.563	ug/l	98
90) Hexachloroethane	14.091	117	139611	164.167	ug/l	100
91) 1,2-Dichlorobenzene	13.865	146	344955	160.628	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	26331	169.325	ug/l	97
93) 1,2,4-Trichlorobenzene	15.127	180	253668	172.201	ug/l	97
94) Hexachlorobutadiene	15.231	225	150426	158.033	ug/l	99
95) Naphthalene	15.359	128	450863	184.074	ug/l	100
96) 1,2,3-Trichlorobenzene	15.548	180	215795	163.124	ug/l	99

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

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