

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102821\
 Data File : VW020711.D
 Acq On : 28 Oct 2021 10:01
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 10/29/2021 4:39:01 PM

Quant Time: Oct 29 04:56:24 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	116978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	173831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	162678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	89567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	12237	10.642	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	21.280%#
35) Dibromofluoromethane	7.884	113	10628	10.422	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.840%#
50) Toluene-d8	10.323	98	39668	10.366	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	20.740%#
62) 4-Bromofluorobenzene	12.615	95	14770	10.230	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	20.460%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	2126	7.399	ug/l	87
3) Chloromethane	2.215	50	6659	9.520	ug/l	99
4) Vinyl Chloride	2.355	62	7643	9.337	ug/l	98
5) Bromomethane	2.770	94	3212	9.699	ug/l	100
6) Chloroethane	2.916	64	1623m	7.969	ug/l	
7) Trichlorofluoromethane	3.251	101	3959	10.280	ug/l	95
8) Diethyl Ether	3.684	74	4171	8.738	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.062	101	8904	9.440	ug/l	97
10) Methyl Iodide	4.269	142	9125	8.588	ug/l	100
11) Tert butyl alcohol	5.178	59	2725	44.530	ug/l #	82
12) 1,1-Dichloroethene	4.038	96	8274	8.999	ug/l	96
13) Acrolein	3.903	56	1208	44.900	ug/l	98
14) Allyl chloride	4.666	41	12962	9.167	ug/l	99
15) Acrylonitrile	5.373	53	9949	44.520	ug/l	98
16) Acetone	4.129	43	9569	37.196	ug/l	99
17) Carbon Disulfide	4.385	76	23275	9.146	ug/l	98
18) Methyl Acetate	4.678	43	7380	8.976	ug/l	100
19) Methyl tert-butyl Ether	5.422	73	11274	8.948	ug/l	97
20) Methylene Chloride	4.915	84	13802	11.303	ug/l	98
21) trans-1,2-Dichloroethene	5.422	96	9602	9.338	ug/l	90
22) Diisopropyl ether	6.306	45	26923	9.128	ug/l #	91
23) Vinyl Acetate	6.257	43	67715	42.190	ug/l	99
24) 1,1-Dichloroethane	6.214	63	17661	9.341	ug/l	98
25) 2-Butanone	7.171	43	12702	41.064	ug/l	98
26) 2,2-Dichloropropane	7.165	77	10134	9.633	ug/l	100
27) cis-1,2-Dichloroethene	7.165	96	10255	9.117	ug/l	100
28) Bromochloromethane	7.513	49	8592	9.780	ug/l #	95
29) Tetrahydrofuran	7.537	42	7872	42.060	ug/l	99
30) Chloroform	7.677	83	19044	9.648	ug/l	99
31) Cyclohexane	7.952	56	18860	9.788	ug/l #	81
32) 1,1,1-Trichloroethane	7.872	97	14549	9.627	ug/l	99
36) 1,1-Dichloropropene	8.080	75	14204	9.160	ug/l	98
37) Ethyl Acetate	7.257	43	5667	8.563	ug/l	98
38) Carbon Tetrachloride	8.067	117	13473	9.434	ug/l	99
39) Methylcyclohexane	9.335	83	16513	8.813	ug/l	99
40) Benzene	8.323	78	42053	9.449	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	3299	8.474	ug/l	93
42) 1,2-Dichloroethane	8.403	62	12729	9.306	ug/l	100
43) Isopropyl Acetate	8.427	43	10835	8.548	ug/l	97
44) Trichloroethene	9.092	130	10869	9.296	ug/l	96
45) 1,2-Dichloropropane	9.372	63	9833	9.367	ug/l	94
46) Dibromomethane	9.457	93	5313	9.314	ug/l	96
47) Bromodichloromethane	9.646	83	13140	9.075	ug/l	93
48) Methyl methacrylate	9.439	41	5180m	8.645	ug/l	
49) 1,4-Dioxane	9.445	88	1280	169.260	ug/l	94
51) 4-Methyl-2-Pentanone	10.207	43	27608	41.634	ug/l	99
52) Toluene	10.384	92	24626	9.053	ug/l	94
53) t-1,3-Dichloropropene	10.610	75	12456	8.538	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	14824	8.833	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	7331	9.213	ug/l	95
56) Ethyl methacrylate	10.646	69	7890	7.939	ug/l	95
57) 1,3-Dichloropropane	10.933	76	12701	9.151	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	23095	49.005	ug/l	99
59) 2-Hexanone	10.969	43	18752	39.987	ug/l	98
60) Dibromochloromethane	11.128	129	8439	8.875	ug/l	97
61) 1,2-Dibromoethane	11.238	107	6870	9.022	ug/l	98
64) Tetrachloroethene	10.860	164	9445	9.117	ug/l	95
65) Chlorobenzene	11.658	112	27457	9.307	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	9874	9.184	ug/l	98
67) Ethyl Benzene	11.731	91	47503	8.889	ug/l	99
68) m/p-Xylenes	11.841	106	37240	17.990	ug/l	99
69) o-Xylene	12.164	106	16616	8.721	ug/l	99
70) Styrene	12.176	104	28493	8.724	ug/l	99
71) Bromoform	12.347	173	5151	8.766	ug/l #	99
73) Isopropylbenzene	12.463	105	45802	8.471	ug/l	100
74) N-amyl acetate	12.268	43	9750	7.872	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.713	83	8230	8.629	ug/l	100
76) 1,2,3-Trichloropropane	12.768	75	6553m	13.641	ug/l	
77) Bromobenzene	12.743	156	11412	8.720	ug/l	98
78) n-propylbenzene	12.804	91	57418	8.615	ug/l	99
79) 2-Chlorotoluene	12.890	91	33901	8.831	ug/l	100
80) 1,3,5-Trimethylbenzene	12.945	105	40304	8.566	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	2431	7.907	ug/l	92
82) 4-Chlorotoluene	12.987	91	36580	8.978	ug/l	97
83) tert-Butylbenzene	13.207	119	34140	8.535	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	40754	8.697	ug/l	100
85) sec-Butylbenzene	13.384	105	52097	8.657	ug/l	100
86) p-Isopropyltoluene	13.493	119	43903	8.593	ug/l	99
87) 1,3-Dichlorobenzene	13.493	146	24032	8.959	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	24762	9.253	ug/l	97
89) n-Butylbenzene	13.822	91	41379	8.616	ug/l	99
90) Hexachloroethane	14.091	117	8330	8.957	ug/l	97
91) 1,2-Dichlorobenzene	13.871	146	20696	8.812	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.481	75	1438	8.456	ug/l	93
93) 1,2,4-Trichlorobenzene	15.127	180	13747	8.533	ug/l	98
94) Hexachlorobutadiene	15.231	225	9259	8.895	ug/l	98
95) Naphthalene	15.359	128	20351	7.597	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	12415	8.581	ug/l	97

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

