

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102221\
 Data File : VW020686.D
 Acq On : 22 Oct 2021 17:12
 Operator : SY/VA
 Sample : VW1022SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/25/2021 11:56:18 AM

Quant Time: Oct 23 06:03:39 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	7.946	168	100772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	145410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	132176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	73239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	52466	46.860	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.720%
35) Dibromofluoromethane	7.885	113	44426	46.717	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.440%
50) Toluene-d8	10.323	98	172831	47.549	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.100%
62) 4-Bromofluorobenzene	12.615	95	63671	47.785	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	4236	18.464	ug/l	99
3) Chloromethane	2.215	50	12388	18.579	ug/l	100
4) Vinyl Chloride	2.355	62	14900	17.421	ug/l	98
5) Bromomethane	2.757	94	9195	18.086	ug/l	97
6) Chloroethane	2.910	64	6158	16.202	ug/l	93
7) Trichlorofluoromethane	3.239	101	10279	16.799	ug/l	100
8) Diethyl Ether	3.678	74	9082	18.605	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.056	101	18572	18.493	ug/l	98
10) Methyl Iodide	4.263	142	21916	17.578	ug/l	99
11) Tert butyl alcohol	5.172	59	7102	103.574	ug/l #	87
12) 1,1-Dichloroethene	4.032	96	17174	18.312	ug/l	97
13) Acrolein	3.897	56	6297	102.588	ug/l	98
14) Allyl chloride	4.666	41	27360	18.070	ug/l	99
15) Acrylonitrile	5.367	53	24356	97.819	ug/l	99
16) Acetone	4.123	43	21741	79.455	ug/l	94
17) Carbon Disulfide	4.379	76	45164	16.571	ug/l	99
18) Methyl Acetate	4.666	43	16605	19.655	ug/l	100
19) Methyl tert-butyl Ether	5.422	73	31678	19.691	ug/l	97
20) Methylene Chloride	4.916	84	24759	19.002	ug/l	100
21) trans-1,2-Dichloroethene	5.415	96	19343	18.468	ug/l	96
22) Diisopropyl ether	6.312	45	57862	19.531	ug/l	99
23) Vinyl Acetate	6.257	43	166415	95.904	ug/l	100
24) 1,1-Dichloroethane	6.214	63	35452	18.717	ug/l	99
25) 2-Butanone	7.171	43	31494	92.237	ug/l	98
26) 2,2-Dichloropropane	7.171	77	22821	18.409	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	21140	18.940	ug/l	98
28) Bromochloromethane	7.513	49	15240	19.464	ug/l #	99
29) Tetrahydrofuran	7.531	42	20858	99.845	ug/l	98
30) Chloroform	7.677	83	37644	19.054	ug/l	96
31) Cyclohexane	7.958	56	34225	18.011	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	31110	18.620	ug/l	98
36) 1,1-Dichloropropene	8.080	75	29098	18.581	ug/l	99
37) Ethyl Acetate	7.251	43	14442	19.931	ug/l	99
38) Carbon Tetrachloride	8.067	117	28630	18.438	ug/l	91
39) Methylcyclohexane	9.336	83	33904	18.569	ug/l	97
40) Benzene	8.323	78	82915	19.348	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	7698	18.236	ug/l #	89
42) 1,2-Dichloroethane	8.403	62	26559	19.251	ug/l	100
43) Isopropyl Acetate	8.427	43	26011	19.342	ug/l	97
44) Trichloroethene	9.092	130	21880	18.786	ug/l	99
45) 1,2-Dichloropropane	9.366	63	19447	18.930	ug/l	99
46) Dibromomethane	9.457	93	11105	19.242	ug/l	99
47) Bromodichloromethane	9.646	83	26656	18.738	ug/l	99
48) Methyl methacrylate	9.439	41	12211	18.873	ug/l	97
49) 1,4-Dioxane	9.451	88	3195	416.537	ug/l	94
51) 4-Methyl-2-Pentanone	10.207	43	71430	97.697	ug/l	99
52) Toluene	10.384	92	51206	19.020	ug/l	100
53) t-1,3-Dichloropropene	10.604	75	26763	18.487	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	30437	18.558	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	15558	19.349	ug/l	98
56) Ethyl methacrylate	10.646	69	19445	18.810	ug/l	98
57) 1,3-Dichloropropane	10.933	76	26767	19.213	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	48263	103.582	ug/l	98
59) 2-Hexanone	10.969	43	49005	94.732	ug/l	100
60) Dibromochloromethane	11.128	129	17995	18.983	ug/l	100
61) 1,2-Dibromoethane	11.238	107	15115	19.427	ug/l	99
64) Tetrachloroethene	10.860	164	19674	19.170	ug/l	89
65) Chlorobenzene	11.658	112	54609	19.193	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.731	131	19887	19.281	ug/l	99
67) Ethyl Benzene	11.731	91	97879	18.998	ug/l	99
68) m/p-Xylenes	11.835	106	77625	38.969	ug/l	98
69) o-Xylene	12.164	106	34872	18.996	ug/l	100
70) Styrene	12.183	104	61498	19.555	ug/l	99
71) Bromoform	12.347	173	11675	19.307	ug/l #	99
73) Isopropylbenzene	12.463	105	96587	18.308	ug/l	99
74) N-amyl acetate	12.274	43	24635	19.241	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	18976	19.199	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	15681m	19.326	ug/l	
77) Bromobenzene	12.743	156	24005	18.970	ug/l	100
78) n-propylbenzene	12.804	91	123509	19.062	ug/l	99
79) 2-Chlorotoluene	12.890	91	69981	18.775	ug/l	99
80) 1,3,5-Trimethylbenzene	12.939	105	87326	19.152	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	5727	18.131	ug/l	97
82) 4-Chlorotoluene	12.987	91	73789	18.821	ug/l	98
83) tert-Butylbenzene	13.207	119	76464	19.432	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	87362	19.354	ug/l	98
85) sec-Butylbenzene	13.384	105	113038	19.149	ug/l	99
86) p-Isopropyltoluene	13.493	119	96226	19.163	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	49932	19.174	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	49477	19.026	ug/l	99
89) n-Butylbenzene	13.823	91	90297	19.390	ug/l	98
90) Hexachloroethane	14.091	117	16487	18.812	ug/l	99
91) 1,2-Dichlorobenzene	13.865	146	43740	18.913	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	3466	19.429	ug/l	99
93) 1,2,4-Trichlorobenzene	15.133	180	31005	20.209	ug/l	96
94) Hexachlorobutadiene	15.231	225	19615	19.743	ug/l	98
95) Naphthalene	15.365	128	53745	19.670	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	26458	19.045	ug/l	96

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

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