

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090921\
 Data File : VW020006.D
 Acq On : 09 Sep 2021 17:14
 Operator : SY/VA
 Sample : VW0909SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 6:38:35 PM

Quant Time: Sep 10 03:47:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W090721S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 08 12:18:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	173893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	300285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	275562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	143663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	121580	60.227	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.460%
35) Dibromofluoromethane	7.884	113	108720	55.133	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.260%
50) Toluene-d8	10.323	98	417367	56.937	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.880%
62) 4-Bromofluorobenzene	12.621	95	151474	55.847	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.700%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	20584	19.492	ug/l	97
3) Chloromethane	2.221	50	33007	20.997	ug/l	98
4) Vinyl Chloride	2.367	62	56424	22.137	ug/l	98
5) Bromomethane	2.782	94	45852	22.189	ug/l	96
6) Chloroethane	2.928	64	38793	22.094	ug/l	98
7) Trichlorofluoromethane	3.263	101	30593	20.978	ug/l	97
8) Diethyl Ether	3.684	74	20765	23.253	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.068	101	41849	21.978	ug/l	99
10) Methyl Iodide	4.281	142	58375	22.385	ug/l	100
11) Tert butyl alcohol	5.165	59	17050	176.456	ug/l #	93
12) 1,1-Dichloroethene	4.050	96	39746	22.152	ug/l	94
13) Acrolein	3.897	56	8691	118.042	ug/l	98
14) Allyl chloride	4.672	41	55052	22.560	ug/l	99
15) Acrylonitrile	5.367	53	47136	126.668	ug/l	100
16) Acetone	4.123	43	39333	121.309	ug/l	99
17) Carbon Disulfide	4.391	76	118891	21.775	ug/l	99
18) Methyl Acetate	4.678	43	24317	26.417	ug/l	98
19) Methyl tert-butyl Ether	5.428	73	56562	23.894	ug/l	100
20) Methylene Chloride	4.922	84	51474	22.837	ug/l	97
21) trans-1,2-Dichloroethene	5.434	96	46568	22.851	ug/l	99
22) Diisopropyl ether	6.318	45	119308	23.073	ug/l	98
23) Vinyl Acetate	6.257	43	326281	113.234	ug/l	98
24) 1,1-Dichloroethane	6.220	63	83053	22.682	ug/l	96
25) 2-Butanone	7.171	43	59283	127.530	ug/l	98
26) 2,2-Dichloropropane	7.171	77	47890	21.629	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	49958	22.955	ug/l	99
28) Bromochloromethane	7.513	49	31628	21.762	ug/l	100
29) Tetrahydrofuran	7.531	42	37659	130.215	ug/l	99
30) Chloroform	7.683	83	86115	22.319	ug/l	98
31) Cyclohexane	7.958	56	73103	22.214	ug/l	98
32) 1,1,1-Trichloroethane	7.878	97	69752	22.341	ug/l	99
36) 1,1-Dichloropropene	8.086	75	66219	20.963	ug/l	99
37) Ethyl Acetate	7.257	43	28832	24.825	ug/l	96
38) Carbon Tetrachloride	8.073	117	66287	20.579	ug/l	96
39) Methylcyclohexane	9.335	83	75723	20.684	ug/l	96
40) Benzene	8.329	78	187598	21.559	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	14770	22.975	ug/l	97
42) 1,2-Dichloroethane	8.403	62	57299	21.446	ug/l	99
43) Isopropyl Acetate	8.427	43	49717	22.555	ug/l	99
44) Trichloroethene	9.098	130	48593	21.283	ug/l	93
45) 1,2-Dichloropropane	9.372	63	45809	21.651	ug/l	95
46) Dibromomethane	9.463	93	26049	21.824	ug/l	97
47) Bromodichloromethane	9.646	83	62376	20.975	ug/l	96
48) Methyl methacrylate	9.439	41	21298	22.495	ug/l	98
49) 1,4-Dioxane	9.445	88	7039	447.834	ug/l #	99
51) 4-Methyl-2-Pentanone	10.213	43	134897	118.029	ug/l	99
52) Toluene	10.390	92	119794	21.746	ug/l	100
53) t-1,3-Dichloropropene	10.610	75	59177	20.744	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	69285	20.862	ug/l	99
55) 1,1,2-Trichloroethane	10.786	97	34134	21.101	ug/l	96
56) Ethyl methacrylate	10.646	69	39876	21.513	ug/l	98
57) 1,3-Dichloropropane	10.933	76	60488	21.796	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.927	63	99037	119.899	ug/l	100
59) 2-Hexanone	10.969	43	90338	118.275	ug/l	99
60) Dibromochloromethane	11.128	129	39857	21.284	ug/l	97
61) 1,2-Dibromoethane	11.237	107	32838	21.680	ug/l	100
64) Tetrachloroethene	10.866	164	39621	20.722	ug/l	96
65) Chlorobenzene	11.658	112	127369	21.505	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	45369	21.494	ug/l	99
67) Ethyl Benzene	11.731	91	222829	21.325	ug/l	99
68) m/p-Xylenes	11.841	106	175877	42.650	ug/l	96
69) o-Xylene	12.170	106	79327	20.080	ug/l	99
70) Styrene	12.182	104	138305	20.578	ug/l	99
71) Bromoform	12.353	173	20584	19.807	ug/l #	98
73) Isopropylbenzene	12.463	105	214715	20.321	ug/l	99
74) N-amyl acetate	12.274	43	45572	21.460	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	42498	22.767	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	28471m	21.335	ug/l	
77) Bromobenzene	12.749	156	49587	21.029	ug/l	98
78) n-propylbenzene	12.804	91	274577	20.437	ug/l	98
79) 2-Chlorotoluene	12.890	91	159557	21.416	ug/l	100
80) 1,3,5-Trimethylbenzene	12.945	105	191515	20.327	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	11715	20.919	ug/l	98
82) 4-Chlorotoluene	12.987	91	166849	21.302	ug/l	99
83) tert-Butylbenzene	13.207	119	158104	20.320	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	189664	20.544	ug/l	98
85) sec-Butylbenzene	13.383	105	247394	20.564	ug/l	99
86) p-Isopropyltoluene	13.499	119	199996	19.812	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	105535	21.108	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	104211	21.002	ug/l	100
89) n-Butylbenzene	13.822	91	193997	20.074	ug/l	98
90) Hexachloroethane	14.091	117	37638	20.527	ug/l	97
91) 1,2-Dichlorobenzene	13.865	146	92748	21.358	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.481	75	6647	21.702	ug/l	93
93) 1,2,4-Trichlorobenzene	15.133	180	54616	20.628	ug/l	98
94) Hexachlorobutadiene	15.231	225	31838	20.246	ug/l	94
95) Naphthalene	15.365	128	100023	20.870	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	48265	20.797	ug/l	99

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

