

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090721\
 Data File : VW019988.D
 Acq On : 07 Sep 2021 17:43
 Operator : SY/VA
 Sample : VW0907SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/8/2021 7:11:58 PM

Quant Time: Sep 08 12:28:20 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	187470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	310490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	282923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	143289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	110689	50.861	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.720%			
35) Dibromofluoromethane	7.891	113	100847	49.459	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.920%			
50) Toluene-d8	10.323	98	383702	50.624	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.240%			
62) 4-Bromofluorobenzene	12.621	95	137605	49.066	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	24503	21.522	ug/l	92
3) Chloromethane	2.221	50	34324	20.254	ug/l	97
4) Vinyl Chloride	2.367	62	57402	20.889	ug/l	99
5) Bromomethane	2.776	94	45664	20.497	ug/l	96
6) Chloroethane	2.928	64	38919	20.561	ug/l	95
7) Trichlorofluoromethane	3.263	101	31631	20.119	ug/l	100
8) Diethyl Ether	3.684	74	20040	20.816	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.068	101	40950	19.949	ug/l	98
10) Methyl Iodide	4.275	142	57300	20.382	ug/l	99
11) Tert butyl alcohol	5.178	59	12122	116.369	ug/l #	87
12) 1,1-Dichloroethene	4.044	96	39410	20.374	ug/l	98
13) Acrolein	3.897	56	9239	116.397	ug/l	99
14) Allyl chloride	4.672	41	54982	20.899	ug/l	98
15) Acrylonitrile	5.373	53	43853	109.311	ug/l	97
16) Acetone	4.123	43	36631	104.794	ug/l	97
17) Carbon Disulfide	4.391	76	116590	19.807	ug/l	100
18) Methyl Acetate	4.672	43	22292	22.463	ug/l	97
19) Methyl tert-butyl Ether	5.434	73	54934	21.525	ug/l	99
20) Methylene Chloride	4.928	84	58257	24.209	ug/l	93
21) trans-1,2-Dichloroethene	5.428	96	45648	20.777	ug/l	94
22) Diisopropyl ether	6.318	45	116592	20.915	ug/l	99
23) Vinyl Acetate	6.257	43	320221	104.644	ug/l	100
24) 1,1-Dichloroethane	6.220	63	80445	20.378	ug/l	97
25) 2-Butanone	7.177	43	54286	108.323	ug/l	98
26) 2,2-Dichloropropane	7.171	77	46806	19.608	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	48986	20.878	ug/l	99
28) Bromochloromethane	7.519	49	30733	19.615	ug/l	97
29) Tetrahydrofuran	7.531	42	35042	112.391	ug/l	98
30) Chloroform	7.677	83	84048	20.206	ug/l	100
31) Cyclohexane	7.958	56	70204	19.788	ug/l	96
32) 1,1,1-Trichloroethane	7.872	97	69445	20.632	ug/l	99
36) 1,1-Dichloropropene	8.086	75	65668	20.105	ug/l	99
37) Ethyl Acetate	7.257	43	26148	21.774	ug/l	97
38) Carbon Tetrachloride	8.074	117	64445	19.350	ug/l	92
39) Methylcyclohexane	9.342	83	73753	19.484	ug/l	96
40) Benzene	8.330	78	180923	20.108	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	14201	21.364	ug/l	96
42) 1,2-Dichloroethane	8.403	62	55584	20.120	ug/l	99
43) Isopropyl Acetate	8.427	43	47014	20.628	ug/l	100
44) Trichloroethene	9.092	130	47526	20.132	ug/l	99
45) 1,2-Dichloropropane	9.372	63	43775	20.010	ug/l	99
46) Dibromomethane	9.457	93	24879	20.158	ug/l	98
47) Bromodichloromethane	9.646	83	60586	19.704	ug/l	99
48) Methyl methacrylate	9.439	41	22392	22.786	ug/l	93
49) 1,4-Dioxane	9.451	88	6645	413.633	ug/l #	93
51) 4-Methyl-2-Pentanone	10.213	43	126014	106.633	ug/l	99
52) Toluene	10.390	92	115117	20.210	ug/l	98
53) t-1,3-Dichloropropene	10.610	75	57209	19.395	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	67762	19.733	ug/l	97
55) 1,1,2-Trichloroethane	10.793	97	34315	20.516	ug/l	94
56) Ethyl methacrylate	10.646	69	38334	20.286	ug/l	98
57) 1,3-Dichloropropane	10.933	76	58328	20.327	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	93660	109.663	ug/l	99
59) 2-Hexanone	10.969	43	84167	106.574	ug/l	99
60) Dibromochloromethane	11.128	129	37928	19.588	ug/l	100
61) 1,2-Dibromoethane	11.238	107	31856	20.341	ug/l	99
64) Tetrachloroethene	10.866	164	39130	19.932	ug/l	98
65) Chlorobenzene	11.658	112	121415	19.967	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	42827	19.762	ug/l	99
67) Ethyl Benzene	11.731	91	218136	20.333	ug/l	100
68) m/p-Xylenes	11.841	106	166941	39.430	ug/l	99
69) o-Xylene	12.170	106	76726	19.003	ug/l	99
70) Styrene	12.183	104	130256	19.016	ug/l	99
71) Bromoform	12.347	173	20332	19.055	ug/l #	99
73) Isopropylbenzene	12.463	105	205694	19.604	ug/l	99
74) N-amyl acetate	12.274	43	44318	21.021	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	39354	21.138	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	27437m	20.614	ug/l	
77) Bromobenzene	12.749	156	46862	19.926	ug/l	98
78) n-propylbenzene	12.804	91	260549	19.509	ug/l	98
79) 2-Chlorotoluene	12.890	91	150056	20.193	ug/l	100
80) 1,3,5-Trimethylbenzene	12.945	105	183588	19.583	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	11450	20.562	ug/l	97
82) 4-Chlorotoluene	12.987	91	162315	20.777	ug/l	100
83) tert-Butylbenzene	13.207	119	150516	19.491	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	187149	20.338	ug/l	99
85) sec-Butylbenzene	13.384	105	235098	19.642	ug/l	99
86) p-Isopropyltoluene	13.499	119	196824	19.566	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	101755	20.406	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	99848	20.175	ug/l	98
89) n-Butylbenzene	13.822	91	185918	19.339	ug/l	98
90) Hexachloroethane	14.091	117	36203	19.796	ug/l	100
91) 1,2-Dichlorobenzene	13.871	146	89667	20.702	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	6426	21.035	ug/l	99
93) 1,2,4-Trichlorobenzene	15.133	180	54907	20.792	ug/l	99
94) Hexachlorobutadiene	15.237	225	33743	21.513	ug/l	98
95) Naphthalene	15.365	128	101405	21.174	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	49361	21.325	ug/l	99

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

