

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111821\
 Data File : VW020924.D
 Acq On : 18 Nov 2021 13:32
 Operator : SY/VA
 Sample : VW1118SBS01
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1118SBS01

Quant Time: Nov 19 04:57:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 05:03:38 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/19/2021
 Supervised By :Mahesh Dadoda 11/19/2021

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

Internal Standards						
1) Pentafluorobenzene	7.946	168	75810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	116023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	103635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	55435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	33540	47.762	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.520%		
35) Dibromofluoromethane	7.885	113	34581	47.517	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.040%		
50) Toluene-d8	10.323	98	131518	49.274	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.540%		
62) 4-Bromofluorobenzene	12.615	95	47012	47.228	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	3700	25.369	ug/l	93
3) Chloromethane	2.209	50	9570	21.929	ug/l	99
4) Vinyl Chloride	2.355	62	16972	22.085	ug/l	98
5) Bromomethane	2.764	94	13817	27.934	ug/l	100
6) Chloroethane	2.910	64	6988	23.592	ug/l	99
7) Trichlorofluoromethane	3.245	101	7708	24.185	ug/l	100
8) Diethyl Ether	3.684	74	6783	20.263	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.056	101	15589	23.710	ug/l	98
10) Methyl Iodide	4.269	142	21330	21.508	ug/l	99
11) Tert butyl alcohol	5.184	59	6617m	106.955	ug/l	
12) 1,1-Dichloroethene	4.032	96	14632	22.710	ug/l	93
13) Acrolein	3.891	56	1350	125.300	ug/l	94
14) Allyl chloride	4.660	41	19967	21.586	ug/l	99
15) Acrylonitrile	5.373	53	13411	92.600	ug/l	98
16) Acetone	4.129	43	14909	102.135	ug/l	96
17) Carbon Disulfide	4.373	76	39015	22.037	ug/l	100
18) Methyl Acetate	4.672	43	9161	17.986	ug/l	97
19) Methyl tert-butyl Ether	5.422	73	22350	20.130	ug/l	96
20) Methylene Chloride	4.916	84	20525	27.005	ug/l	97
21) trans-1,2-Dichloroethene	5.422	96	16573	22.596	ug/l	96
22) Diisopropyl ether	6.306	45	39532	20.829	ug/l	98
23) Vinyl Acetate	6.257	43	110553	99.540	ug/l	97
24) 1,1-Dichloroethane	6.214	63	26547	21.986	ug/l	99
25) 2-Butanone	7.171	43	19416	93.652	ug/l	93
26) 2,2-Dichloropropane	7.165	77	19310	22.538	ug/l	99
27) cis-1,2-Dichloroethene	7.165	96	18187	22.197	ug/l	99
28) Bromochloromethane	7.513	49	9310	18.221	ug/l	98
29) Tetrahydrofuran	7.531	42	11245	89.439	ug/l	99
30) Chloroform	7.677	83	29407	22.137	ug/l	97
31) Cyclohexane	7.952	56	25790	22.015	ug/l	96
32) 1,1,1-Trichloroethane	7.866	97	26059	23.232	ug/l	98
36) 1,1-Dichloropropene	8.080	75	23463	22.511	ug/l	99
37) Ethyl Acetate	7.250	43	8657	18.209	ug/l	98
38) Carbon Tetrachloride	8.067	117	24116	21.750	ug/l	97
39) Methylcyclohexane	9.329	83	28918	22.097	ug/l	99
40) Benzene	8.323	78	63989	21.532	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	4438	17.508	ug/l #	84
42) 1,2-Dichloroethane	8.397	62	18514	20.537	ug/l	100
43) Isopropyl Acetate	8.421	43	16968	18.186	ug/l	97
44) Trichloroethene	9.092	130	18929	21.830	ug/l	99
45) 1,2-Dichloropropane	9.366	63	14510	21.200	ug/l	94
46) Dibromomethane	9.457	93	8704	20.072	ug/l	98
47) Bromodichloromethane	9.646	83	21157	20.622	ug/l	99
48) Methyl methacrylate	9.433	41	7929	19.103	ug/l	96
49) 1,4-Dioxane	9.457	88	2377	380.420	ug/l #	94
51) 4-Methyl-2-Pentanone	10.207	43	42150	88.727	ug/l	99
52) Toluene	10.384	92	42750	22.378	ug/l	99
53) t-1,3-Dichloropropene	10.604	75	20468	20.094	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	23877	20.713	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	11558	19.881	ug/l	93
56) Ethyl methacrylate	10.646	69	14034	18.958	ug/l	98
57) 1,3-Dichloropropane	10.933	76	19635	20.060	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.921	63	33072	88.770	ug/l	99
59) 2-Hexanone	10.969	43	29702	89.878	ug/l	99
60) Dibromochloromethane	11.128	129	14608	19.931	ug/l	100
61) 1,2-Dibromoethane	11.232	107	11407	19.776	ug/l	92
64) Tetrachloroethene	10.860	164	16663	21.642	ug/l	88
65) Chlorobenzene	11.658	112	45792	21.978	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.725	131	16325	21.072	ug/l	97
67) Ethyl Benzene	11.731	91	82487	22.559	ug/l	98
68) m/p-Xylenes	11.835	106	66079	44.701	ug/l	99
69) o-Xylene	12.164	106	30473	21.984	ug/l	99
70) Styrene	12.176	104	50245	21.582	ug/l	98
71) Bromoform	12.347	173	8612	19.231	ug/l #	96
73) Isopropylbenzene	12.463	105	82263	21.716	ug/l	99
74) N-amyl acetate	12.274	43	16823	18.644	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	12594	19.056	ug/l	97
76) 1,2,3-Trichloropropane	12.768	75	9835m	19.746	ug/l	
77) Bromobenzene	12.743	156	18999	20.648	ug/l	97
78) n-propylbenzene	12.804	91	99263	22.247	ug/l	98
79) 2-Chlorotoluene	12.890	91	55271	21.433	ug/l	100
80) 1,3,5-Trimethylbenzene	12.938	105	70639	21.745	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	3794	17.919	ug/l	99
82) 4-Chlorotoluene	12.987	91	58878	21.530	ug/l	100
83) tert-Butylbenzene	13.201	119	63329	21.811	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	69179	21.565	ug/l	97
85) sec-Butylbenzene	13.377	105	92109	22.044	ug/l	99
86) p-Isopropyltoluene	13.493	119	78047	21.667	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	42673	22.883	ug/l	94
88) 1,4-Dichlorobenzene	13.579	146	39504	21.081	ug/l	97
89) n-Butylbenzene	13.823	91	70277	21.728	ug/l	96
90) Hexachloroethane	14.091	117	13731	20.241	ug/l	99
91) 1,2-Dichlorobenzene	13.865	146	34225	20.890	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	1963	16.914	ug/l	89
93) 1,2,4-Trichlorobenzene	15.133	180	24175	20.708	ug/l	94
94) Hexachlorobutadiene	15.231	225	15225	22.997	ug/l	94
95) Naphthalene	15.365	128	41786	19.312	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	21342	20.732	ug/l	96

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

