

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021618.D
 Acq On : 23 Dec 2021 17:53
 Operator : SY/VA
 Sample : M5174-10MS
 Misc : 4.67g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBC20MS

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/24/2021
 Supervised By : Mahesh Dadoda 01/02/2022

Quant Time: Dec 24 01:45:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 01:43:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	72724	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	62430	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	27043	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	29192	22.040	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.160%
7) Chloroethane-d5	2.885	69	20482	23.392	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.560%
11) 1,1-Dichloroethene-d2	4.019	63	42161	23.876	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.520%
21) 2-Butanone-d5	7.080	46	21756m	116.528	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	233.060%#
24) Chloroform-d	7.653	84	51536	25.429	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.720%
26) 1,2-Dichloroethane-d4	8.305	65	33119	30.722	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.880%
32) Benzene-d6	8.275	84	91155	26.638	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.560%
36) 1,2-Dichloropropane-d6	9.274	67	28032	30.545	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.160%#
41) Toluene-d8	10.323	98	86471	24.731	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.920%
43) trans-1,3-Dichloroprop...	10.579	79	13296	31.465	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	125.840%
47) 2-Hexanone-d5	10.920	63	18356	135.260	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	270.520%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	32983	41.807	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	167.240%#
66) 1,2-Dichlorobenzene-d4	13.853	152	24237	23.125	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.520%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	6001	21.357	ug/L	99
3) Chloromethane	2.215	50	19556	21.022	ug/L	99
5) Vinyl chloride	2.361	62	28457	19.486	ug/L	95
6) Bromomethane	2.776	94	17208	18.167	ug/L	99
8) Chloroethane	2.922	64	14633	21.750	ug/L	100
9) Trichlorofluoromethane	3.257	101	17273	22.417	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	22803	22.708	ug/L	92
12) 1,1-Dichloroethene	4.044	96	19815	21.981	ug/L	76
13) Acetone	4.129	43	16565	98.971	ug/L	94
14) Carbon disulfide	4.385	76	41218	17.706	ug/L	99
15) Methyl Acetate	4.672	43	14497	50.199	ug/L	# 87
16) Methylene chloride	4.915	84	24772	20.615	ug/L	81
17) trans-1,2-Dichloroethene	5.434	96	21615	22.146	ug/L	77
18) Methyl tert-butyl Ether	5.428	73	47880	35.519	ug/L	95
19) 1,1-Dichloroethane	6.220	63	38005	24.814	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	25144	24.424	ug/L	75
22) 2-Butanone	7.177	43	21748	99.498	ug/L	89
23) Bromochloromethane	7.519	128	13730	28.523	ug/L	# 59
25) Chloroform	7.677	83	44906	25.257	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	34200	30.375	ug/L	97
29) Cyclohexane	7.958	56	26850	21.608	ug/L #	84
30) 1,1,1-Trichloroethane	7.872	97	36915	26.354	ug/L	95
31) Carbon tetrachloride	8.067	117	32374	25.054	ug/L	98
33) Benzene	8.323	78	90946	26.742	ug/L	100
34) Trichloroethene	9.091	95	26928	28.206	ug/L	94
35) Methylcyclohexane	9.341	83	26441	16.790	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	21580	28.448	ug/L #	96
38) Bromodichloromethane	9.646	83	31638	30.333	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	34781	29.086	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	46659	112.883	ug/L #	89
42) Toluene	10.390	91	98852	24.853	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	33579	32.060	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	22928	36.928	ug/L	95
46) Tetrachloroethene	10.866	164	34757	38.325	ug/L	94
48) 2-Hexanone	10.969	43	34578	115.357	ug/L #	95
49) Dibromochloromethane	11.128	129	25862	33.788	ug/L	96
50) 1,2-Dibromoethane	11.237	107	23512	38.052	ug/L #	99
51) Chlorobenzene	11.658	112	57989	21.776	ug/L	90
52) Ethylbenzene	11.731	91	97526	21.456	ug/L	97
53) m,p-Xylene	11.841	106	36360	19.830	ug/L	88
54) o-Xylene	12.164	106	37174	21.362	ug/L	96
55) Styrene	12.176	104	57592	19.446	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	29739	41.783	ug/L #	98
59) Bromoform	12.347	173	15722	48.861	ug/L	98
60) Isopropylbenzene	12.463	105	92543	25.184	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	23690	60.191	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.944	105	71569	22.888	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	69719	22.602	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	34430	19.865	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	34568	20.074	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	34320	22.491	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	4925	60.666	ug/L #	75
69) 1,3,5-Trichlorobenzene	14.627	180	19725	15.226	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	14393	13.813	ug/L	94
71) Naphthalene	15.359	128	42571	25.148	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	13124	15.241	ug/L	98

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

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