

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121124\
 Data File : VW031204.D
 Acq On : 11 Dec 2024 10:00
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025585

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 12/12/2024
 Supervised By :Mahesh Dadoda 12/13/2024

Quant Time: Dec 12 02:51:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 11 00:26:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	306587	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.629	117	278150	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	138681	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	109901	23.294	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.160%
7) Chloroethane-d5	2.899	69	91741	25.063	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.240%
11) 1,1-Dichloroethene-d2	4.021	65	51488	23.919	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.680%
21) 2-Butanone-d5	7.087	46	49938m	60.521	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.040%
24) Chloroform-d	7.648	84	236538	26.342	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.360%
26) 1,2-Dichloroethane-d4	8.301	65	128585	29.101	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.400%
32) Benzene-d6	8.270	84	427523	25.008	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.040%
36) 1,2-Dichloropropane-d6	9.270	67	138881	27.733	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.920%
41) Toluene-d8	10.319	98	380208	24.644	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.560%
43) trans-1,3-Dichloroprop...	10.575	79	54828	27.195	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.800%
47) 2-Hexanone-d5	10.922	63	34801	59.317	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.640%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	103293	30.564	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.240%#
66) 1,2-Dichlorobenzene-d4	13.848	152	122973	24.965	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.880%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	115451	29.820	ug/L	93
3) Chloromethane	2.222	50	119297	26.126	ug/L	100
5) Vinyl chloride	2.375	62	157331	28.684	ug/L	98
6) Bromomethane	2.789	94	97832	28.049	ug/L	99
8) Chloroethane	2.936	64	90946	27.720	ug/L	99
9) Trichlorofluoromethane	3.271	101	157765	27.336	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	115668	26.381	ug/L	90
12) 1,1-Dichloroethene	4.045	96	111244	25.549	ug/L	80
13) Acetone	4.143	43	73640	49.571	ug/L	68
14) Carbon disulfide	4.387	76	380071	26.617	ug/L	99
15) Methyl Acetate	4.673	43	49378m	31.677	ug/L	
16) Methylene chloride	4.911	84	121548	27.392	ug/L	86
17) trans-1,2-Dichloroethene	5.423	96	117017	25.282	ug/L	86
18) Methyl tert-butyl Ether	5.423	73	176813	27.306	ug/L	94
19) 1,1-Dichloroethane	6.216	63	250882	29.470	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	125065	25.725	ug/L	88
22) 2-Butanone	7.179	43	76836	55.036	ug/L	95
23) Bromochloromethane	7.514	128	50497	24.464	ug/L	# 78
25) Chloroform	7.679	83	249447	28.172	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.392	62	165566	30.357	ug/L #	92
29) Cyclohexane	7.953	56	197732	28.242	ug/L	94
30) 1,1,1-Trichloroethane	7.868	97	203421	27.151	ug/L	94
31) Carbon tetrachloride	8.069	117	177378	25.909	ug/L	99
33) Benzene	8.319	78	532202	28.294	ug/L	100
34) Trichloroethene	9.087	95	137807	26.561	ug/L	95
35) Methylcyclohexane	9.337	83	224527	27.195	ug/L	90
37) 1,2-Dichloropropane	9.361	63	141919	30.331	ug/L	97
38) Bromodichloromethane	9.642	83	173056	28.256	ug/L #	89
39) cis-1,3-Dichloropropene	10.069	75	203033	28.740	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	135898	64.859	ug/L #	93
42) Toluene	10.380	91	556597	28.091	ug/L	98
44) trans-1,3-Dichloropropene	10.599	75	172328	29.672	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	90167	28.040	ug/L	90
46) Tetrachloroethene	10.861	164	90610	23.558	ug/L	89
48) 2-Hexanone	10.965	43	113572	59.913	ug/L #	89
49) Dibromochloromethane	11.123	129	96182	27.151	ug/L	96
50) 1,2-Dibromoethane	11.227	107	80310	26.726	ug/L	94
51) Chlorobenzene	11.654	112	331975	26.247	ug/L #	89
52) Ethylbenzene	11.727	91	631903	28.143	ug/L	99
53) m,p-Xylene	11.837	106	219944	26.320	ug/L	80
54) o-Xylene	12.160	106	208844	26.864	ug/L	95
55) Styrene	12.172	104	358994	27.432	ug/L	81
57) 1,1,2,2-Tetrachloroethane	12.708	83	104860	30.101	ug/L	94
59) Bromoform	12.343	173	45204	22.307	ug/L #	83
60) Isopropylbenzene	12.458	105	595262	26.589	ug/L	95
61) 1,2,3-Trichloropropane	12.763	75	77980	30.093	ug/L	94
62) 1,3,5-Trimethylbenzene	12.934	105	492416	27.932	ug/L	89
63) 1,2,4-Trimethylbenzene	13.245	105	480493	27.746	ug/L	95
64) 1,3-Dichlorobenzene	13.495	146	237380	24.314	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	235193	23.849	ug/L	87
67) 1,2-Dichlorobenzene	13.861	146	209917	24.580	ug/L #	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	17636	31.344	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.617	180	156998	23.666	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	109691	21.087	ug/L	91
71) Naphthalene	15.360	128	220170	26.272	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	109070	24.497	ug/L	94

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

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