

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
 Data File : VW026762.D
 Acq On : 18 Aug 2023 09:18
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025585

Quant Time: Aug 18 23:37:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 18 01:33:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/22/2023
 Supervised By : Mahesh Dadoda 08/22/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	421154	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	407261	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	241066	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	132119	19.083	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.320%
7) Chloroethane-d5	2.893	69	115626	22.460	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.840%
11) 1,1-Dichloroethene-d2	4.027	65	77783	22.843	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.360%
21) 2-Butanone-d5	7.075	46	90599	45.530	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.060%
24) Chloroform-d	7.648	84	399264	28.246	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.000%
26) 1,2-Dichloroethane-d4	8.307	65	218613	28.025	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.120%
32) Benzene-d6	8.276	84	766392	27.305	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.200%
36) 1,2-Dichloropropane-d6	9.276	67	234651	26.839	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.360%
41) Toluene-d8	10.325	98	683355	28.362	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.440%
43) trans-1,3-Dichloroprop...	10.574	79	99614	27.595	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.400%
47) 2-Hexanone-d5	10.922	63	49154	53.505	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.000%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	200418	29.027	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.120%
66) 1,2-Dichlorobenzene-d4	13.848	152	236759	27.440	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	158257m	27.638	ug/L	
3) Chloromethane	2.228	50	163558	20.889	ug/L	99
5) Vinyl chloride	2.375	62	175280	23.417	ug/L	96
6) Bromomethane	2.789	94	107973	24.759	ug/L	96
8) Chloroethane	2.930	64	109198	24.348	ug/L	99
9) Trichlorofluoromethane	3.265	101	161461	26.285	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	181797	27.398	ug/L	97
12) 1,1-Dichloroethene	4.045	96	165621	26.606	ug/L	95
13) Acetone	4.124	43	101113	51.105	ug/L	96
14) Carbon disulfide	4.393	76	560545	25.030	ug/L	98
15) Methyl Acetate	4.667	43	87250	22.015	ug/L	97
16) Methylene chloride	4.917	84	179463	22.029	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	183308	26.389	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	258923	24.635	ug/L	99
19) 1,1-Dichloroethane	6.216	63	368017	25.741	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	192530	25.786	ug/L	96
22) 2-Butanone	7.173	43	128304	44.003	ug/L	97
23) Bromochloromethane	7.514	128	82730	25.650	ug/L	94
25) Chloroform	7.673	83	356823	25.834	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	252307	26.185	ug/L	100
29) Cyclohexane	7.959	56	325601	25.853	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	299137	28.144	ug/L	100
31) Carbon tetrachloride	8.069	117	276575	28.459	ug/L	96
33) Benzene	8.325	78	804418	27.123	ug/L	100
34) Trichloroethene	9.093	95	199698	26.438	ug/L	96
35) Methylcyclohexane	9.337	83	357168	27.640	ug/L	98
37) 1,2-Dichloropropane	9.367	63	213706	26.307	ug/L	99
38) Bromodichloromethane	9.642	83	256738	26.941	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	317926	27.205	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	248140	46.960	ug/L	99
42) Toluene	10.386	91	838344	27.943	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	275193	27.358	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	147791	26.601	ug/L	96
46) Tetrachloroethene	10.861	164	154863	28.220	ug/L	95
48) 2-Hexanone	10.965	43	184882	51.419	ug/L	98
49) Dibromochloromethane	11.129	129	160924	27.694	ug/L	95
50) 1,2-Dibromoethane	11.233	107	131159	25.160	ug/L	95
51) Chlorobenzene	11.654	112	514902	27.170	ug/L	99
52) Ethylbenzene	11.727	91	965236	28.690	ug/L	100
53) m,p-Xylene	11.836	106	360383	28.914	ug/L	94
54) o-Xylene	12.166	106	339547	29.189	ug/L	95
55) Styrene	12.178	104	610497	30.184	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	178830	25.416	ug/L	99
59) Bromoform	12.349	173	92203	24.416	ug/L	96
60) Isopropylbenzene	12.464	105	956302	26.682	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	132188	22.606	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	768032	27.111	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	775154	27.923	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	410247	26.320	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	408946	25.140	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	362060	25.544	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	29728	21.088	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	267165	25.370	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	215197	24.102	ug/L	99
71) Naphthalene	15.360	128	401045	23.548	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	195346	24.257	ug/L	98

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

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