

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
 Data File : VW031179.D
 Acq On : 10 Dec 2024 08:59
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025583

Quant Time: Dec 11 00:21:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 10 01:12:15 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/11/2024
 Supervised By :Semsettin Yesilyurt 12/11/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	247338	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.629	117	220072	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	106766	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	77695	20.412	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.640%
7) Chloroethane-d5	2.893	69	63252	21.419	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.680%
11) 1,1-Dichloroethene-d2	4.015	65	36788	21.184	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.720%
21) 2-Butanone-d5	7.099	46	34535	51.880	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.760%
24) Chloroform-d	7.648	84	174831	24.134	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.520%
26) 1,2-Dichloroethane-d4	8.300	65	90556	25.404	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	8.270	84	309341	22.870	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.480%
36) 1,2-Dichloropropane-d6	9.270	67	99524	25.119	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.480%
41) Toluene-d8	10.318	98	283991	23.265	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.080%
43) trans-1,3-Dichloroprop...	10.574	79	37786	23.688	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.760%
47) 2-Hexanone-d5	10.922	63	24025	51.756	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.520%
56) 1,1,2,2-Tetrachloroeth...	12.684	84	71222	26.636	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	83851	22.111	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.440%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	95905m	30.705	ug/L	
3) Chloromethane	2.222	50	95983	26.056	ug/L	98
5) Vinyl chloride	2.369	62	114151	25.797	ug/L	97
6) Bromomethane	2.789	94	69010	24.525	ug/L	98
8) Chloroethane	2.929	64	65302	24.672	ug/L	95
9) Trichlorofluoromethane	3.259	101	105962	22.758	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	92377	26.115	ug/L	# 79
12) 1,1-Dichloroethene	4.039	96	84813	24.145	ug/L	77
13) Acetone	4.167	43	56484	47.131	ug/L	73
14) Carbon disulfide	4.387	76	286019	24.828	ug/L	98
15) Methyl Acetate	4.685	43	36907m	29.348	ug/L	
16) Methylene chloride	4.917	84	88991	24.859	ug/L	89
17) trans-1,2-Dichloroethene	5.423	96	89206	23.890	ug/L	86
18) Methyl tert-butyl Ether	5.429	73	126751	24.264	ug/L	96
19) 1,1-Dichloroethane	6.215	63	187793	27.343	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	92557	23.599	ug/L	88
22) 2-Butanone	7.185	43	58939	52.330	ug/L	92
23) Bromochloromethane	7.508	128	38386	23.051	ug/L	# 75
25) Chloroform	7.673	83	188514	26.390	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	123762	28.128	ug/L #	95
29) Cyclohexane	7.953	56	159691	28.828	ug/L	90
30) 1,1,1-Trichloroethane	7.868	97	148893	25.118	ug/L #	93
31) Carbon tetrachloride	8.063	117	134267	24.787	ug/L	98
33) Benzene	8.319	78	398903	26.804	ug/L	100
34) Trichloroethene	9.087	95	102983	25.087	ug/L	95
35) Methylcyclohexane	9.331	83	168858	25.850	ug/L	91
37) 1,2-Dichloropropane	9.361	63	105680	28.546	ug/L	97
38) Bromodichloromethane	9.642	83	130442	26.919	ug/L	90
39) cis-1,3-Dichloropropene	10.068	75	150362	26.901	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	98657	59.512	ug/L #	94
42) Toluene	10.385	91	426581	27.211	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	123939	26.972	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	66523	26.147	ug/L	94
46) Tetrachloroethene	10.855	164	68014	22.350	ug/L	96
48) 2-Hexanone	10.965	43	84037	56.032	ug/L #	89
49) Dibromochloromethane	11.123	129	70445	25.134	ug/L	88
50) 1,2-Dibromoethane	11.233	107	60994	25.654	ug/L #	84
51) Chlorobenzene	11.653	112	241968	24.180	ug/L #	88
52) Ethylbenzene	11.727	91	481466	27.102	ug/L	95
53) m,p-Xylene	11.836	106	166709	25.215	ug/L	89
54) o-Xylene	12.160	106	152748	24.834	ug/L	88
55) Styrene	12.172	104	265290	25.622	ug/L	80
57) 1,1,2,2-Tetrachloroethane	12.708	83	74079	26.877	ug/L	96
59) Bromoform	12.342	173	35024	22.450	ug/L #	87
60) Isopropylbenzene	12.458	105	437663	25.393	ug/L	95
61) 1,2,3-Trichloropropane	12.763	75	55275	27.707	ug/L	94
62) 1,3,5-Trimethylbenzene	12.940	105	358043	26.381	ug/L	91
63) 1,2,4-Trimethylbenzene	13.245	105	349125	26.186	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	166953	22.212	ug/L	87
65) 1,4-Dichlorobenzene	13.574	146	175191	23.075	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	157520	23.958	ug/L #	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	12191	28.143	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.622	180	110119	21.562	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	87727	21.906	ug/L	95
71) Naphthalene	15.360	128	152216	23.593	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	76216	22.235	ug/L	99

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

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