

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120624\
 Data File : VW031139.D
 Acq On : 06 Dec 2024 09:32
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025579

Quant Time: Dec 06 23:22:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 05 01:31:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024
 Supervised By :Semsettin Yesilyurt 12/09/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	263096	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	234770	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	113715	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	85496	21.116	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.480%		
7) Chloroethane-d5	2.893	69	64965	20.681	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.720%		
11) 1,1-Dichloroethene-d2	4.015	65	47225	25.565	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	102.280%		
21) 2-Butanone-d5	7.100	46	38734	54.703	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	109.400%		
24) Chloroform-d	7.648	84	204551	26.545	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	106.200%		
26) 1,2-Dichloroethane-d4	8.301	65	104058	27.443	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	109.760%		
32) Benzene-d6	8.270	84	386263	26.769	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	107.080%		
36) 1,2-Dichloropropane-d6	9.270	67	117753	27.859	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	111.440%		
41) Toluene-d8	10.319	98	359257	27.589	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	110.360%		
43) trans-1,3-Dichloroprop...	10.575	79	46589	27.379	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	109.520%		
47) 2-Hexanone-d5	10.922	63	29465	59.501	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	119.000%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	86123	30.192	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	120.760%#		
66) 1,2-Dichlorobenzene-d4	13.848	152	104450	25.860	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	103.440%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	87103	26.217	ug/L	97
3) Chloromethane	2.222	50	72222	18.431	ug/L	98
5) Vinyl chloride	2.369	62	90550	19.237	ug/L	99
6) Bromomethane	2.789	94	56446	18.858	ug/L	86
8) Chloroethane	2.930	64	50480	17.930	ug/L	97
9) Trichlorofluoromethane	3.265	101	105721	21.346	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	88737	23.584	ug/L	90
12) 1,1-Dichloroethene	4.039	96	84341m	22.572	ug/L	
13) Acetone	4.192	43	56428m	44.264	ug/L	
14) Carbon disulfide	4.387	76	270444	22.070	ug/L	99
15) Methyl Acetate	4.691	43	29795	22.274	ug/L	96
16) Methylene chloride	4.917	84	84435	22.174	ug/L	94
17) trans-1,2-Dichloroethene	5.423	96	84788	21.347	ug/L	89
18) Methyl tert-butyl Ether	5.429	73	124946	22.486	ug/L	98
19) 1,1-Dichloroethane	6.216	63	163895	22.434	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	90564	21.708	ug/L	88
22) 2-Butanone	7.185	43	56076	46.806	ug/L #	66
23) Bromochloromethane	7.514	128	37617	21.236	ug/L	92
25) Chloroform	7.673	83	169269	22.277	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	106542	22.764	ug/L	95
29) Cyclohexane	7.953	56	149361	25.275	ug/L	95
30) 1,1,1-Trichloroethane	7.868	97	141988	22.453	ug/L	96
31) Carbon tetrachloride	8.069	117	125901	21.788	ug/L	100
33) Benzene	8.325	78	365913	23.048	ug/L	100
34) Trichloroethene	9.087	95	99350	22.687	ug/L	88
35) Methylcyclohexane	9.337	83	168576	24.191	ug/L	94
37) 1,2-Dichloropropane	9.367	63	92610	23.450	ug/L	98
38) Bromodichloromethane	9.642	83	115712	22.384	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	137874	23.123	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	88401	49.987	ug/L	98
42) Toluene	10.386	91	398733	23.842	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	114133	23.283	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	63104	23.250	ug/L	96
46) Tetrachloroethene	10.861	164	68968	21.245	ug/L	95
48) 2-Hexanone	10.965	43	76694	47.934	ug/L	93
49) Dibromochloromethane	11.123	129	65312	21.844	ug/L	87
50) 1,2-Dibromoethane	11.233	107	57074	22.503	ug/L #	90
51) Chlorobenzene	11.654	112	225597	21.132	ug/L #	81
52) Ethylbenzene	11.727	91	445533	23.509	ug/L	98
53) m,p-Xylene	11.830	106	161043	22.833	ug/L	93
54) o-Xylene	12.160	106	149753	22.822	ug/L	85
55) Styrene	12.178	104	260579	23.591	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.714	83	74775	25.431	ug/L #	88
59) Bromoform	12.349	173	35604	21.427	ug/L #	92
60) Isopropylbenzene	12.464	105	430054	23.427	ug/L	96
61) 1,2,3-Trichloropropane	12.763	75	50947	23.977	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	348740	24.125	ug/L	94
63) 1,2,4-Trimethylbenzene	13.245	105	349965	24.645	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	170161	21.256	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	182867	22.614	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	144197	20.592	ug/L #	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	11008	23.859	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	109803	20.186	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	91413	21.432	ug/L	95
71) Naphthalene	15.360	128	159117	23.156	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	77300	21.173	ug/L	94

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

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