

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080624\
 Data File : VW029835.D
 Acq On : 06 Aug 2024 11:23
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025567

Quant Time: Aug 07 02:21:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 02 01:45:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/13/2024
 Supervised By :Semsettin Yesilyurt 08/13/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	213211	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.630	117	208185	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	104546	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	45605	15.067	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	60.280%		
7) Chloroethane-d5	2.899	69	43227m	20.003	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.000%		
11) 1,1-Dichloroethene-d2	4.021	65	23988	17.361	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	69.440%		
21) 2-Butanone-d5	7.075	46	42668	51.430	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	102.860%		
24) Chloroform-d	7.649	84	140363	25.431	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	101.720%		
26) 1,2-Dichloroethane-d4	8.307	65	80220	25.518	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	102.080%		
32) Benzene-d6	8.270	84	247826	22.032	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.120%		
36) 1,2-Dichloropropane-d6	9.270	67	84842	23.621	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.480%		
41) Toluene-d8	10.319	98	221514	22.147	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.600%		
43) trans-1,3-Dichloroprop...	10.575	79	32464	22.337	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	89.360%		
47) 2-Hexanone-d5	10.922	63	28862	48.733	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	97.460%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	69129	25.921	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	103.680%		
66) 1,2-Dichlorobenzene-d4	13.849	152	72586	22.360	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	89.440%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	71341	24.823	ug/L	94
3) Chloromethane	2.223	50	92617	26.043	ug/L	98
5) Vinyl chloride	2.375	62	101014	25.350	ug/L	100
6) Bromomethane	2.790	94	57626	26.336	ug/L	99
8) Chloroethane	2.930	64	60969	26.896	ug/L	97
9) Trichlorofluoromethane	3.265	101	80281	25.223	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	85512	26.975	ug/L	99
12) 1,1-Dichloroethene	4.045	96	75846	26.039	ug/L	93
13) Acetone	4.125	43	46729	45.323	ug/L	98
14) Carbon disulfide	4.393	76	246195	25.399	ug/L	98
15) Methyl Acetate	4.667	43	47690	27.771	ug/L	100
16) Methylene chloride	4.911	84	92304	20.709	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	86835	27.665	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	140864	27.230	ug/L	98
19) 1,1-Dichloroethane	6.210	63	187355	28.301	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	94098	27.637	ug/L	93
22) 2-Butanone	7.167	43	66996	50.714	ug/L	99
23) Bromochloromethane	7.514	128	41602	28.782	ug/L	90
25) Chloroform	7.673	83	181838	29.154	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	131007	28.822	ug/L	98
29) Cyclohexane	7.959	56	145703	24.628	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	138547	26.280	ug/L	98
31) Carbon tetrachloride	8.063	117	128189	26.984	ug/L	100
33) Benzene	8.319	78	388919	27.265	ug/L	100
34) Trichloroethene	9.087	95	97912	26.184	ug/L	98
35) Methylcyclohexane	9.331	83	156369	25.096	ug/L	96
37) 1,2-Dichloropropane	9.368	63	107994	27.627	ug/L	100
38) Bromodichloromethane	9.642	83	130645	28.066	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	154407	27.123	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	138498	55.781	ug/L	100
42) Toluene	10.386	91	406200	27.898	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	132107	27.954	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	73757	28.087	ug/L	98
46) Tetrachloroethene	10.861	164	69749	25.663	ug/L	94
48) 2-Hexanone	10.965	43	100178	53.871	ug/L	98
49) Dibromochloromethane	11.123	129	78513	28.800	ug/L	100
50) 1,2-Dibromoethane	11.233	107	67640	27.838	ug/L	91
51) Chlorobenzene	11.654	112	250246	27.631	ug/L	99
52) Ethylbenzene	11.727	91	452340	27.541	ug/L	97
53) m,p-Xylene	11.837	106	168937	27.968	ug/L	99
54) o-Xylene	12.160	106	158655	28.523	ug/L	98
55) Styrene	12.178	104	282500	29.300	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.715	83	88593	27.486	ug/L	97
59) Bromoform	12.343	173	43375	27.573	ug/L	96
60) Isopropylbenzene	12.459	105	433810	26.815	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	66361	26.099	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	360635	29.991	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	362329	28.175	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	187922	27.226	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	189333	26.704	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	164143	26.121	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.477	75	14822	25.673	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	122473	25.934	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	105908	26.620	ug/L	92
71) Naphthalene	15.361	128	206564	27.210	ug/L	99
72) 1,2,3-Trichlorobenzene	15.550	180	94532	26.252	ug/L	99

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

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