

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052424\
 Data File : VW028795.D
 Acq On : 25 May 2024 17:40
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025595

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/28/2024
 Supervised By : Mahesh Dadoda 05/28/2024

Quant Time: May 27 02:20:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 27 02:19:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	291688	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	272194	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	140758	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	123119	22.228	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.920%		
7) Chloroethane-d5	2.899	69	97762	23.051	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.200%		
11) 1,1-Dichloroethene-d2	4.021	65	52897	22.858	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	91.440%		
21) 2-Butanone-d5	7.075	46	58455	40.451	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	80.900%		
24) Chloroform-d	7.648	84	249445	27.369	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	109.480%		
26) 1,2-Dichloroethane-d4	8.307	65	132503	25.393	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.560%		
32) Benzene-d6	8.276	84	488085	26.876	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	107.520%		
36) 1,2-Dichloropropane-d6	9.270	67	149324	27.325	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	109.320%		
41) Toluene-d8	10.325	98	443459	27.574	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	110.280%		
43) trans-1,3-Dichloroprop...	10.575	79	56259	25.591	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	102.360%		
47) 2-Hexanone-d5	10.922	63	42005	44.567	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.140%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	106444	23.229	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	92.920%		
66) 1,2-Dichlorobenzene-d4	13.848	152	136971	25.531	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	102.120%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	75336	17.773	ug/L	90
3) Chloromethane	2.223	50	108203	20.605	ug/L	95
5) Vinyl chloride	2.375	62	117413	19.860	ug/L	96
6) Bromomethane	2.789	94	74131	21.675	ug/L	94
8) Chloroethane	2.936	64	74650	22.140	ug/L	94
9) Trichlorofluoromethane	3.265	101	90559	18.657	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	95826	21.413	ug/L	94
12) 1,1-Dichloroethene	4.051	96	92159	22.957	ug/L	92
13) Acetone	4.119	43	41434	31.518	ug/L	94
14) Carbon disulfide	4.393	76	274619	20.241	ug/L	100
15) Methyl Acetate	4.673	43	46250	20.222	ug/L	99
16) Methylene chloride	4.923	84	115205m	25.538	ug/L	
17) trans-1,2-Dichloroethene	5.429	96	102570	24.542	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	150773	24.446	ug/L	99
19) 1,1-Dichloroethane	6.216	63	216219	26.089	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	116875	26.720	ug/L	94
22) 2-Butanone	7.167	43	62329	36.939	ug/L	97
23) Bromochloromethane	7.514	128	51400	26.940	ug/L	92
25) Chloroform	7.679	83	215448	26.877	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	142893	24.522	ug/L	99
29) Cyclohexane	7.959	56	159834	20.595	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	160702	23.560	ug/L	98
31) Carbon tetrachloride	8.069	117	147567	23.728	ug/L	100
33) Benzene	8.325	78	458369	25.969	ug/L	100
34) Trichloroethene	9.093	95	117785	24.889	ug/L	89
35) Methylcyclohexane	9.331	83	178157	21.542	ug/L	99
37) 1,2-Dichloropropane	9.368	63	122561	26.648	ug/L	99
38) Bromodichloromethane	9.642	83	149227	26.617	ug/L	93
39) cis-1,3-Dichloropropene	10.069	75	176328	26.748	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	134930	43.105	ug/L	99
42) Toluene	10.386	91	486063	26.662	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	142596	25.655	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	83323	25.009	ug/L	96
46) Tetrachloroethene	10.861	164	85272	25.010	ug/L	96
48) 2-Hexanone	10.965	43	94675	42.840	ug/L	99
49) Dibromochloromethane	11.123	129	90961	27.219	ug/L	92
50) 1,2-Dibromoethane	11.233	107	74967	24.020	ug/L	91
51) Chlorobenzene	11.654	112	308404	27.349	ug/L	96
52) Ethylbenzene	11.727	91	541899	26.267	ug/L	99
53) m,p-Xylene	11.837	106	202253	26.744	ug/L	99
54) o-Xylene	12.166	106	196852	28.137	ug/L	91
55) Styrene	12.178	104	338962	28.593	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	97421	23.306	ug/L	99
59) Bromoform	12.349	173	47607	23.183	ug/L	99
60) Isopropylbenzene	12.458	105	531115	24.871	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	71422	20.996	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	400537	26.510	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	428846	26.342	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	224849	25.310	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	235885	25.972	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	204672	25.741	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	14468	18.191	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	150677	25.276	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	123352	25.609	ug/L	96
71) Naphthalene	15.360	128	228365	22.253	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	107608	24.758	ug/L	97

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

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