

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
 Data File : VW026981.D
 Acq On : 31 Aug 2023 17:03
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025488

Quant Time: Sep 01 00:49:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 01 00:44:05 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 09/01/2023
 Supervised By : Mahesh Dadoda 09/05/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	702737	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	665709	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	382517	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	278495	24.107	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	96.440%	
7) Chloroethane-d5	2.893	69	257900	30.023	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	120.080%	
11) 1,1-Dichloroethene-d2	4.027	65	110755	19.493	ug/L	0.01
Spiked Amount	25.000	Range 45 - 110	Recovery	=	77.960%	
21) 2-Butanone-d5	7.075	46	184124m	55.454	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	110.900%	
24) Chloroform-d	7.648	84	588434	24.949	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	99.800%	
26) 1,2-Dichloroethane-d4	8.307	65	308301	23.686	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	94.760%	
32) Benzene-d6	8.276	84	1176459	25.642	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	102.560%	
36) 1,2-Dichloropropane-d6	9.276	67	361651	25.306	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	101.240%	
41) Toluene-d8	10.325	98	1060640	26.931	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	107.720%	
43) trans-1,3-Dichloroprop...	10.575	79	144921	24.560	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	98.240%	
47) 2-Hexanone-d5	10.922	63	105184	70.044	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	140.080%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	347264	30.769	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	123.080%#	
66) 1,2-Dichlorobenzene-d4	13.848	152	388321	28.363	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	113.440%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	169811	17.773	ug/L #	87
3) Chloromethane	2.223	50	283299	21.684	ug/L	97
5) Vinyl chloride	2.375	62	318182	25.476	ug/L	98
6) Bromomethane	2.783	94	208562	28.662	ug/L	95
8) Chloroethane	2.930	64	217542	29.069	ug/L	97
9) Trichlorofluoromethane	3.265	101	220011	21.465	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	264457	23.886	ug/L	92
12) 1,1-Dichloroethene	4.045	96	249539	24.024	ug/L	91
13) Acetone	4.119	43	142299	43.103	ug/L	92
14) Carbon disulfide	4.393	76	645137	17.264	ug/L	98
15) Methyl Acetate	4.667	43	146826m	22.202	ug/L	
16) Methylene chloride	4.923	84	345208	25.395	ug/L	88
17) trans-1,2-Dichloroethene	5.423	96	271966	23.464	ug/L	87
18) Methyl tert-butyl Ether	5.423	73	472477	26.940	ug/L	95
19) 1,1-Dichloroethane	6.216	63	536776	22.501	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	332274	26.670	ug/L	84
22) 2-Butanone	7.173	43	214576	44.104	ug/L	90
23) Bromochloromethane	7.514	128	144306	26.814	ug/L #	76
25) Chloroform	7.679	83	548858	23.815	ug/L	97

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27) 1,2-Dichloroethane	8.398	62	353357	21.978	ug/L	97
29) Cyclohexane	7.953	56	444931	21.612	ug/L	91
30) 1,1,1-Trichloroethane	7.874	97	406005	23.369	ug/L	98
31) Carbon tetrachloride	8.063	117	368202	23.178	ug/L	93
33) Benzene	8.325	78	1192964	24.608	ug/L	100
34) Trichloroethene	9.093	95	315115	25.522	ug/L	96
35) Methylcyclohexane	9.337	83	514143	24.341	ug/L	91
37) 1,2-Dichloropropane	9.368	63	312920	23.566	ug/L #	97
38) Bromodichloromethane	9.642	83	383440	24.615	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	502150	26.287	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	426078m	49.329	ug/L	
42) Toluene	10.386	91	1311218	26.737	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	418718	25.466	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	252326	27.785	ug/L	93
46) Tetrachloroethene	10.861	164	238384	26.576	ug/L	98
48) 2-Hexanone	10.965	43	304066	51.736	ug/L #	91
49) Dibromochloromethane	11.129	129	252365	26.570	ug/L	98
50) 1,2-Dibromoethane	11.233	107	231228	27.136	ug/L	98
51) Chlorobenzene	11.654	112	841891	27.178	ug/L	95
52) Ethylbenzene	11.727	91	1498503	27.248	ug/L	98
53) m,p-Xylene	11.837	106	565281	27.746	ug/L	84
54) o-Xylene	12.166	106	545347	28.680	ug/L	97
55) Styrene	12.178	104	933163	28.225	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	323646	28.140	ug/L	94
59) Bromoform	12.349	173	164781	27.500	ug/L	98
60) Isopropylbenzene	12.458	105	1474251	25.923	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	226423	24.403	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1255772	27.936	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	1238821	28.124	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	678834	27.446	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	671268	26.006	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	629461	27.987	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	51001	22.800	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	449385	26.893	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	423475	29.891	ug/L	99
71) Naphthalene	15.360	128	874281	32.351	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	374697	29.323	ug/L	97

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

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