

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053023\
 Data File : VW026097.D
 Acq On : 30 May 2023 18:29
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025503

Quant Time: May 31 02:13:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 31 01:56:06 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023
 Supervised By :Mahesh Dadoda 05/31/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	784745	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	698134	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	342977	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	261032	23.645	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.560%
7) Chloroethane-d5	2.893	69	210530	25.475	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.920%
11) 1,1-Dichloroethene-d2	4.021	65	127585	23.438	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.760%
21) 2-Butanone-d5	7.075	46	179366	55.807	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.620%
24) Chloroform-d	7.648	84	518818	22.577	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.320%
26) 1,2-Dichloroethane-d4	8.307	65	291304	23.182	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.720%
32) Benzene-d6	8.276	84	1071899	22.818	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.280%
36) 1,2-Dichloropropane-d6	9.270	67	340275	22.864	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.440%
41) Toluene-d8	10.319	98	944008	22.660	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.640%
43) trans-1,3-Dichloroprop...	10.575	79	132745	22.509	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.040%
47) 2-Hexanone-d5	10.922	63	130578	55.644	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.280%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	270199	24.949	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	290888	22.158	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	225059m	23.395	ug/L	
3) Chloromethane	2.222	50	301719	24.460	ug/L	98
5) Vinyl chloride	2.381	62	304166	23.069	ug/L	100
6) Bromomethane	2.783	94	166934	23.224	ug/L	98
8) Chloroethane	2.930	64	177016	24.844	ug/L	97
9) Trichlorofluoromethane	3.265	101	177817	20.963	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	240583	22.477	ug/L	93
12) 1,1-Dichloroethene	4.045	96	222771	22.296	ug/L	92
13) Acetone	4.118	43	124728	50.153	ug/L	96
14) Carbon disulfide	4.393	76	778609	22.075	ug/L	99
15) Methyl Acetate	4.667	43	147550	26.435	ug/L	100
16) Methylene chloride	4.917	84	301793	24.095	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	244638	21.823	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	406706	23.019	ug/L	100
19) 1,1-Dichloroethane	6.216	63	506689	22.202	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	269434	22.690	ug/L	97
22) 2-Butanone	7.167	43	193836	54.639	ug/L	98
23) Bromochloromethane	7.514	128	115865	22.880	ug/L	91
25) Chloroform	7.673	83	475363	22.363	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	341150	23.270	ug/L	99
29) Cyclohexane	7.953	56	475354	22.055	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	363180	21.437	ug/L	100
31) Carbon tetrachloride	8.069	117	320144	20.708	ug/L	99
33) Benzene	8.325	78	1070030	22.374	ug/L	100
34) Trichloroethene	9.087	95	266299	21.746	ug/L	94
35) Methylcyclohexane	9.331	83	479249	22.117	ug/L	99
37) 1,2-Dichloropropane	9.368	63	292144	22.553	ug/L	100
38) Bromodichloromethane	9.642	83	339505	22.560	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	436296	22.920	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	418863	54.847	ug/L	99
42) Toluene	10.386	91	1104819	22.586	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	367113	23.149	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	202871	23.763	ug/L	98
46) Tetrachloroethene	10.861	164	180182	20.802	ug/L	96
48) 2-Hexanone	10.965	43	297996	55.340	ug/L	99
49) Dibromochloromethane	11.123	129	207011	23.128	ug/L	92
50) 1,2-Dibromoethane	11.233	107	186043	23.536	ug/L #	94
51) Chlorobenzene	11.654	112	671376	21.903	ug/L	98
52) Ethylbenzene	11.727	91	1225399	22.207	ug/L	98
53) m,p-Xylene	11.837	106	458756	22.348	ug/L	97
54) o-Xylene	12.160	106	434049	22.403	ug/L	97
55) Styrene	12.178	104	764009	22.985	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	253311	24.518	ug/L	98
59) Bromoform	12.349	173	116403	22.596	ug/L	98
60) Isopropylbenzene	12.458	105	1192349	22.130	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	189396	24.653	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	967672	22.593	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	886415	22.596	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	502764	22.193	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	495812	21.739	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	447519	21.999	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	39462	22.170	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	297776	19.135	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	262722	20.460	ug/L	94
71) Naphthalene	15.360	128	539390	23.569	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	235195	20.958	ug/L	98

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

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