

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
 Data File : VW026520.D
 Acq On : 05 Jul 2023 08:53
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025548

Quant Time: Jul 06 02:27:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 04 13:17:14 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/06/2023
 Supervised By : Mahesh Dadoda 07/07/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	783164	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	701316	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	341324	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	295049	25.054	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.200%
7) Chloroethane-d5	2.893	69	216451	22.217	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.880%
11) 1,1-Dichloroethene-d2	4.021	65	136996	24.941	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.760%
21) 2-Butanone-d5	7.075	46	169366	37.595	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.180%
24) Chloroform-d	7.648	84	525230	22.764	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.040%
26) 1,2-Dichloroethane-d4	8.307	65	291381	21.713	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.840%
32) Benzene-d6	8.270	84	1079811	24.149	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	9.270	67	341299	23.940	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.760%
41) Toluene-d8	10.319	98	977294	24.345	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	10.575	79	137245	23.737	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.960%
47) 2-Hexanone-d5	10.922	63	110893	39.068	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.140%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	258152	20.695	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.760%
66) 1,2-Dichlorobenzene-d4	13.855	152	280737	20.710	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	240650m	26.960	ug/L	
3) Chloromethane	2.222	50	311959	21.612	ug/L	100
5) Vinyl chloride	2.375	62	336948	23.702	ug/L	98
6) Bromomethane	2.789	94	173137	20.860	ug/L	96
8) Chloroethane	2.936	64	187444	21.889	ug/L	99
9) Trichlorofluoromethane	3.259	101	220718	24.153	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	254910	23.858	ug/L	97
12) 1,1-Dichloroethene	4.045	96	248872	25.183	ug/L	78
13) Acetone	4.118	43	139355	49.875	ug/L	98
14) Carbon disulfide	4.387	76	771210	24.582	ug/L	100
15) Methyl Acetate	4.667	43	149825	21.551	ug/L	99
16) Methylene chloride	4.911	84	278112	19.927	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	259595	23.342	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	446595	22.968	ug/L	99
19) 1,1-Dichloroethane	6.216	63	541457	22.608	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	286449	22.450	ug/L	97
22) 2-Butanone	7.167	43	212316	40.828	ug/L	99
23) Bromochloromethane	7.508	128	117503	22.236	ug/L	95
25) Chloroform	7.673	83	498772	23.239	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	343260	21.705	ug/L	98
29) Cyclohexane	7.959	56	518450	26.535	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	400906	25.407	ug/L	99
31) Carbon tetrachloride	8.069	117	358458	25.197	ug/L	99
33) Benzene	8.325	78	1121373	24.690	ug/L	100
34) Trichloroethene	9.093	95	287336	24.804	ug/L	94
35) Methylcyclohexane	9.337	83	523475	26.455	ug/L	99
37) 1,2-Dichloropropane	9.368	63	305882	24.583	ug/L	99
38) Bromodichloromethane	9.648	83	347828	23.691	ug/L #	97
39) cis-1,3-Dichloropropene	10.069	75	456337	24.872	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	427134	44.362	ug/L	100
42) Toluene	10.386	91	1161909	25.134	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	380068	24.719	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	202832	22.175	ug/L	97
46) Tetrachloroethene	10.861	164	198696	24.444	ug/L	96
48) 2-Hexanone	10.965	43	312494	46.544	ug/L	99
49) Dibromochloromethane	11.129	129	208627	22.765	ug/L	96
50) 1,2-Dibromoethane	11.233	107	192113	22.903	ug/L	94
51) Chlorobenzene	11.654	112	698959	23.132	ug/L	97
52) Ethylbenzene	11.727	91	1305809	23.920	ug/L	98
53) m,p-Xylene	11.837	106	491011	24.599	ug/L	93
54) o-Xylene	12.160	106	470093	24.307	ug/L	98
55) Styrene	12.178	104	785169	23.740	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	259314	21.656	ug/L	96
59) Bromoform	12.349	173	120386	22.484	ug/L	97
60) Isopropylbenzene	12.465	105	1287256	24.589	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	193603	21.771	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1042054	24.142	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1037675	24.991	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	514094	23.082	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	518166	23.332	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	478159	22.790	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.482	75	43153	19.243	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	339854	22.940	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	283655	23.471	ug/L	96
71) Naphthalene	15.360	128	615927	22.773	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	256539	23.758	ug/L	98

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

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