

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021723\
 Data File : VW025340.D
 Acq On : 17 Feb 2023 11:34
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025540

Quant Time: Feb 18 01:21:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 15 22:06:10 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/20/2023
 Supervised By :Mahesh Dadoda 02/20/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	345878	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	272730	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	156194	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	88862	26.550	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.200%
7) Chloroethane-d5	2.899	69	70171	23.612	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.440%
11) 1,1-Dichloroethene-d2	4.027	63	217758	23.463	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.840%
21) 2-Butanone-d5	7.075	46	47504	54.673	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.340%
24) Chloroform-d	7.648	84	223880	24.696	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	8.300	65	116179	26.309	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.240%
32) Benzene-d6	8.270	84	439566	26.592	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.360%
36) 1,2-Dichloropropane-d6	9.270	67	123044	25.441	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.760%
41) Toluene-d8	10.318	98	411451	27.846	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.400%
43) trans-1,3-Dichloroprop...	10.574	79	56730	31.391	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	125.560%
47) 2-Hexanone-d5	10.922	63	33845	62.414	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	94390	28.699	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	131299	24.229	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	107457m	22.960	ug/L	
3) Chloromethane	2.228	50	90895	20.233	ug/L	100
5) Vinyl chloride	2.375	62	101138	22.105	ug/L	96
6) Bromomethane	2.783	94	68871	21.984	ug/L	97
8) Chloroethane	2.935	64	64369	22.536	ug/L	98
9) Trichlorofluoromethane	3.265	101	120540	18.316	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	115765	24.259	ug/L	97
12) 1,1-Dichloroethene	4.045	96	107693	22.734	ug/L	94
13) Acetone	4.112	43	55195	57.612	ug/L	98
14) Carbon disulfide	4.392	76	307443	19.860	ug/L	98
15) Methyl Acetate	4.667	43	45288	27.626	ug/L	98
16) Methylene chloride	4.917	84	117122	19.892	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	115185	22.641	ug/L	96
18) Methyl tert-butyl Ether	5.417	73	173941	23.784	ug/L	99
19) 1,1-Dichloroethane	6.215	63	222093	24.517	ug/L	98
20) cis-1,2-Dichloroethene	7.166	96	127972	23.957	ug/L	95
22) 2-Butanone	7.166	43	67137	57.626	ug/L	99
23) Bromochloromethane	7.514	128	55332	25.148	ug/L	93
25) Chloroform	7.672	83	227883	24.456	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	153071	26.972	ug/L	99
29) Cyclohexane	7.953	56	190299	24.229	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	195281	25.243	ug/L	99
31) Carbon tetrachloride	8.069	117	188329	26.321	ug/L	97
33) Benzene	8.319	78	482219	25.550	ug/L	100
34) Trichloroethene	9.093	95	131117	24.802	ug/L	97
35) Methylcyclohexane	9.331	83	221190	23.440	ug/L	100
37) 1,2-Dichloropropane	9.367	63	119867	25.751	ug/L	100
38) Bromodichloromethane	9.642	83	163961	26.490	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	203564	26.709	ug/L	99
40) 4-Methyl-2-pentanone	10.208	43	130618	63.552	ug/L	99
42) Toluene	10.385	91	517178	27.556	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	170879	31.453	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	80452	27.424	ug/L	96
46) Tetrachloroethene	10.861	164	89365	26.451	ug/L	85
48) 2-Hexanone	10.964	43	73237	56.444	ug/L	98
49) Dibromochloromethane	11.123	129	88285	26.644	ug/L	93
50) 1,2-Dibromoethane	11.233	107	71440	26.583	ug/L #	92
51) Chlorobenzene	11.653	112	304659	24.666	ug/L	99
52) Ethylbenzene	11.727	91	551078	24.506	ug/L	100
53) m,p-Xylene	11.836	106	205183	24.076	ug/L	99
54) o-Xylene	12.165	106	219551	25.591	ug/L	99
55) Styrene	12.178	104	377631	25.996	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	104838	29.992	ug/L	97
59) Bromoform	12.342	173	60358	27.237	ug/L #	98
60) Isopropylbenzene	12.458	105	625863	23.660	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	79166	28.506	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	514487	24.126	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	514159	24.062	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	265946	24.267	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	267956	24.777	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	232247	24.591	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	19040	29.354	ug/L	97
69) 1,3,5-Trichlorobenzene	14.622	180	181452	25.460	ug/L	96
70) 1,2,4-trichlorobenzene	15.128	180	150117	25.868	ug/L	98
71) Naphthalene	15.360	128	315294	29.721	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	133656	26.823	ug/L	98

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

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