

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041923\
 Data File : VW025579.D
 Acq On : 19 Apr 2023 10:30
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025571

Quant Time: Apr 20 01:33:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 19 04:10:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 04/20/2023
 Supervised By : Mahesh Dadoda 04/22/2023

04/20/2023
 Supervised By : Mahesh
 Dadoda

04/22/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	701374	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	629494	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	310667	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.363	65	238753	20.919	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.680%
7) Chloroethane-d5	2.899	69	182790	22.495	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.960%
11) 1,1-Dichloroethene-d2	4.027	63	515677	22.342	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.360%
21) 2-Butanone-d5	7.075	46	148408	58.287	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.580%
24) Chloroform-d	7.648	84	485261	24.641	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.560%
26) 1,2-Dichloroethane-d4	8.307	65	257833	25.166	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.680%
32) Benzene-d6	8.270	84	977381	23.979	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.920%
36) 1,2-Dichloropropane-d6	9.270	67	311301	24.494	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.960%
41) Toluene-d8	10.318	98	867234	24.357	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.440%
43) trans-1,3-Dichloroprop...	10.575	79	120226	25.232	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.920%
47) 2-Hexanone-d5	10.922	63	102586	59.053	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.100%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	229033	26.700	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	261890	24.538	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.160%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.021	85	250367m	25.527	ug/L
3) Chloromethane	2.222	50	281525	24.741	ug/L
5) Vinyl chloride	2.375	62	315976	25.119	ug/L
6) Bromomethane	2.789	94	166151	24.554	ug/L
8) Chloroethane	2.936	64	179852	25.528	ug/L
9) Trichlorofluoromethane	3.265	101	235631	24.315	ug/L
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	242155	24.901	ug/L
12) 1,1-Dichloroethene	4.045	96	239384	24.592	ug/L
13) Acetone	4.118	43	133859	62.117	ug/L
14) Carbon disulfide	4.387	76	787708	22.936	ug/L
15) Methyl Acetate	4.667	43	130231	26.899	ug/L
16) Methylene chloride	4.917	84	284942	25.559	ug/L
17) trans-1,2-Dichloroethene	5.429	96	256765	24.811	ug/L
18) Methyl tert-butyl Ether	5.423	73	378565	26.506	ug/L
19) 1,1-Dichloroethane	6.216	63	529683	25.617	ug/L
20) cis-1,2-Dichloroethene	7.167	96	276307	25.661	ug/L
22) 2-Butanone	7.167	43	187859	61.323	ug/L
23) Bromochloromethane	7.508	128	113772	25.765	ug/L
25) Chloroform	7.673	83	491274	25.982	ug/L

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	331140	26.098	ug/L	99
29) Cyclohexane	7.959	56	504027	24.738	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	398471	25.476	ug/L	100
31) Carbon tetrachloride	8.069	117	356424	25.233	ug/L	99
33) Benzene	8.325	78	1104847	25.216	ug/L	100
34) Trichloroethene	9.093	95	277224	24.325	ug/L	97
35) Methylcyclohexane	9.331	83	499280	24.261	ug/L	100
37) 1,2-Dichloropropane	9.367	63	299389	25.873	ug/L	99
38) Bromodichloromethane	9.642	83	340269	25.700	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	439317	26.467	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	363858	55.552	ug/L	100
42) Toluene	10.386	91	1132708	25.388	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	363487	26.556	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	193263	26.193	ug/L	97
46) Tetrachloroethene	10.861	164	197628	24.656	ug/L	94
48) 2-Hexanone	10.965	43	265486	58.664	ug/L	97
49) Dibromochloromethane	11.123	129	207855	26.756	ug/L	99
50) 1,2-Dibromoethane	11.233	107	181268	26.738	ug/L	96
51) Chlorobenzene	11.654	112	688337	25.037	ug/L	98
52) Ethylbenzene	11.727	91	1311367	25.974	ug/L	97
53) m,p-Xylene	11.836	106	475401	25.676	ug/L	98
54) o-Xylene	12.166	106	451637	26.074	ug/L	97
55) Styrene	12.178	104	779233	26.728	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	236189	26.725	ug/L	100
59) Bromoform	12.349	173	116030	27.256	ug/L	97
60) Isopropylbenzene	12.458	105	1287010	26.446	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	173859	27.002	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	1036131	26.971	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1002128	27.091	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	539032	26.729	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	538491	26.146	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	472544	26.728	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	37429	26.499	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	343116	25.412	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	286498	26.121	ug/L	96
71) Naphthalene	15.360	128	571687	27.933	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	249386	26.006	ug/L	98

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

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