

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020623\
 Data File : VW025286.D
 Acq On : 06 Feb 2023 08:44
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025528

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/07/2023
 Supervised By : Mahesh Dadoda 02/07/2023

Quant Time: Feb 07 00:12:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 03 11:28:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	424334	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	360303	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	170635	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	98895	24.084	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.320%
7) Chloroethane-d5	2.897	69	82221	22.551	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	4.025	63	254560	22.357	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.440%
21) 2-Butanone-d5	7.079	46	45275	42.473	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.940%
24) Chloroform-d	7.646	84	251431	22.607	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.440%
26) 1,2-Dichloroethane-d4	8.305	65	121930	22.506	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.040%
32) Benzene-d6	8.274	84	500625	22.925	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.720%
36) 1,2-Dichloropropane-d6	9.274	67	141060	22.077	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.320%
41) Toluene-d8	10.323	98	461472	23.641	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.560%
43) trans-1,3-Dichloroprop...	10.579	79	56663	23.733	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.920%
47) 2-Hexanone-d5	10.920	63	36980	51.620	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.240%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	95040	21.873	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	134335	22.691	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.019	85	120797m	21.038	ug/L	
3) Chloromethane	2.227	50	116429	21.125	ug/L	98
5) Vinyl chloride	2.373	62	133075	23.708	ug/L	97
6) Bromomethane	2.788	94	82555	21.480	ug/L	100
8) Chloroethane	2.934	64	78676	22.452	ug/L	100
9) Trichlorofluoromethane	3.269	101	168007	20.808	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	133049	22.726	ug/L	97
12) 1,1-Dichloroethene	4.043	96	129936	22.358	ug/L	96
13) Acetone	4.129	43	54474	46.347	ug/L	98
14) Carbon disulfide	4.391	76	420223	22.126	ug/L	100
15) Methyl Acetate	4.677	43	39554	19.667	ug/L	98
16) Methylene chloride	4.915	84	127774	17.689	ug/L	94
17) trans-1,2-Dichloroethene	5.427	96	135894	21.773	ug/L	95
18) Methyl tert-butyl Ether	5.427	73	182194	20.306	ug/L #	90
19) 1,1-Dichloroethane	6.214	63	239750	21.573	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	139245	21.248	ug/L	92
22) 2-Butanone	7.171	43	60563	42.372	ug/L	99
23) Bromochloromethane	7.512	128	56798	21.042	ug/L	94
25) Chloroform	7.677	83	242208	21.188	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	151504	21.760	ug/L	99
29) Cyclohexane	7.957	56	228454	22.017	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	221965	21.719	ug/L	100
31) Carbon tetrachloride	8.067	117	205477	21.737	ug/L	97
33) Benzene	8.323	78	536281	21.508	ug/L	100
34) Trichloroethene	9.091	95	146213	20.935	ug/L	94
35) Methylcyclohexane	9.335	83	261932	21.011	ug/L	99
37) 1,2-Dichloropropane	9.366	63	127762	20.776	ug/L	100
38) Bromodichloromethane	9.640	83	167782	20.519	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	207900	20.648	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	107332	39.530	ug/L	99
42) Toluene	10.384	91	586007	23.634	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	170407	23.743	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	87755	22.642	ug/L	95
46) Tetrachloroethene	10.859	164	108390	24.284	ug/L	97
48) 2-Hexanone	10.963	43	83394	48.651	ug/L	98
49) Dibromochloromethane	11.128	129	102788	23.481	ug/L	98
50) 1,2-Dibromoethane	11.231	107	82030	23.105	ug/L	98
51) Chlorobenzene	11.652	112	355068	21.760	ug/L	97
52) Ethylbenzene	11.725	91	664948	22.383	ug/L	99
53) m,p-Xylene	11.835	106	255242	22.670	ug/L	96
54) o-Xylene	12.164	106	235362	20.766	ug/L	93
55) Styrene	12.176	104	399108	20.797	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	90980	19.702	ug/L	98
59) Bromoform	12.347	173	53760	22.206	ug/L	99
60) Isopropylbenzene	12.463	105	679553	23.516	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	67124	22.125	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	563774	24.200	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	546479	23.410	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	262093	21.891	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	263444	22.298	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	230763	22.366	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	14781	20.860	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	179902	23.106	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	145924	23.017	ug/L	97
71) Naphthalene	15.358	128	252637	21.799	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	122402	22.486	ug/L	99

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

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