

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042423\
 Data File : VW025645.D
 Acq On : 24 Apr 2023 08:36
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025577

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/25/2023
 Supervised By : Mahesh Dadoda 04/25/2023

Quant Time: Apr 25 01:02:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 22 05:02:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	658887	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	589676	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	291017	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	203728	19.001	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.000%
7) Chloroethane-d5	2.899	69	165000m	21.615	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.440%
11) 1,1-Dichloroethene-d2	4.021	63	471714	21.755	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.000%
21) 2-Butanone-d5	7.081	46	118599	49.583	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.160%
24) Chloroform-d	7.648	84	441497	23.865	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.440%
26) 1,2-Dichloroethane-d4	8.307	65	226224	23.505	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.040%
32) Benzene-d6	8.276	84	854177	22.371	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.480%
36) 1,2-Dichloropropane-d6	9.270	67	271689	22.821	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.280%
41) Toluene-d8	10.325	98	759687	22.777	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.120%
43) trans-1,3-Dichloroprop...	10.575	79	102008	22.854	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.400%
47) 2-Hexanone-d5	10.922	63	84433	51.886	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.780%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	201552	25.083	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	228097	22.815	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	216398	23.486	ug/L	100
3) Chloromethane	2.222	50	279304	26.128	ug/L	99
5) Vinyl chloride	2.375	62	313833	26.557	ug/L	94
6) Bromomethane	2.789	94	160962	25.321	ug/L	100
8) Chloroethane	2.936	64	176990	26.742	ug/L	95
9) Trichlorofluoromethane	3.271	101	248192	27.262	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	255966	28.018	ug/L	98
12) 1,1-Dichloroethene	4.039	96	244448	26.732	ug/L	97
13) Acetone	4.131	43	120979	59.760	ug/L	99
14) Carbon disulfide	4.387	76	776551	24.070	ug/L	99
15) Methyl Acetate	4.673	43	116370	25.586	ug/L	97
16) Methylene chloride	4.911	84	268211	25.609	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	252181	25.939	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	355509	26.497	ug/L	99
19) 1,1-Dichloroethane	6.216	63	529425	27.256	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	266244	26.320	ug/L #	98
22) 2-Butanone	7.173	43	160646	55.821	ug/L	99
23) Bromochloromethane	7.514	128	109977	26.511	ug/L	92
25) Chloroform	7.673	83	489389	27.551	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	319395	26.795	ug/L	100
29) Cyclohexane	7.953	56	493140	25.838	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	401134	27.378	ug/L	100
31) Carbon tetrachloride	8.069	117	356958	26.978	ug/L	99
33) Benzene	8.319	78	1087974	26.508	ug/L	100
34) Trichloroethene	9.093	95	280359	26.261	ug/L	97
35) Methylcyclohexane	9.331	83	498944	25.882	ug/L	99
37) 1,2-Dichloropropane	9.367	63	295170	27.231	ug/L	99
38) Bromodichloromethane	9.642	83	331658	26.742	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	427243	27.478	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	324413	52.874	ug/L	99
42) Toluene	10.386	91	1143349	27.357	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	346831	27.050	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	185977	26.908	ug/L	98
46) Tetrachloroethene	10.861	164	195029	25.974	ug/L	95
48) 2-Hexanone	10.965	43	235974	55.664	ug/L	96
49) Dibromochloromethane	11.129	129	194182	26.684	ug/L	100
50) 1,2-Dibromoethane	11.233	107	166533	26.224	ug/L	98
51) Chlorobenzene	11.654	112	681341	26.456	ug/L	99
52) Ethylbenzene	11.727	91	1288743	27.249	ug/L	96
53) m,p-Xylene	11.837	106	473310	27.289	ug/L	95
54) o-Xylene	12.160	106	446788	27.536	ug/L	94
55) Styrene	12.178	104	777135	28.455	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	217333	26.252	ug/L	97
59) Bromoform	12.343	173	105798	26.530	ug/L	96
60) Isopropylbenzene	12.458	105	1290158	28.301	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	157062	26.040	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1024187	28.460	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	982114	28.342	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	527974	27.948	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	502132	26.027	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	455628	27.511	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	34005	25.701	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	334696	26.462	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	281834	27.430	ug/L	94
71) Naphthalene	15.360	128	525910	27.431	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	249013	27.720	ug/L	99

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

