

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082923\
 Data File : VW026943.D
 Acq On : 29 Aug 2023 10:10
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025483

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/30/2023
 Supervised By : Mahesh Dadoda 09/01/2023

Quant Time: Aug 29 20:42:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 26 05:14:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	285882	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	278475	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	169977	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	84752	18.034	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.120%		
7) Chloroethane-d5	2.893	69	69281	19.825	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.320%		
11) 1,1-Dichloroethene-d2	4.021	65	46073	19.933	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	79.720%		
21) 2-Butanone-d5	7.069	46	63336	46.890	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	93.780%		
24) Chloroform-d	7.648	84	235235	24.516	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	98.080%		
26) 1,2-Dichloroethane-d4	8.307	65	140804	26.592	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	106.360%		
32) Benzene-d6	8.270	84	423232	22.052	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.200%		
36) 1,2-Dichloropropane-d6	9.270	67	131422	21.983	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	87.920%		
41) Toluene-d8	10.318	98	373001	22.641	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.560%		
43) trans-1,3-Dichloroprop...	10.575	79	56221	22.777	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	91.120%		
47) 2-Hexanone-d5	10.922	63	31149	49.587	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	99.180%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	116941	24.770	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	99.080%		
66) 1,2-Dichlorobenzene-d4	13.848	152	129592	21.301	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	100513m	25.859	ug/L	
3) Chloromethane	2.222	50	102156	19.221	ug/L	95
5) Vinyl chloride	2.375	62	104725	20.611	ug/L	96
6) Bromomethane	2.783	94	61423	20.749	ug/L	97
8) Chloroethane	2.930	64	64076	21.047	ug/L	99
9) Trichlorofluoromethane	3.265	101	94785	22.732	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.063	101	95890	21.290	ug/L #	90
12) 1,1-Dichloroethene	4.045	96	93442	22.114	ug/L	87
13) Acetone	4.118	43	68012	50.640	ug/L	98
14) Carbon disulfide	4.393	76	273770	18.009	ug/L	98
15) Methyl Acetate	4.667	43	63706	23.680	ug/L	98
16) Methylene chloride	4.917	84	127593	23.072	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	104333	22.126	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	185508	26.001	ug/L	96
19) 1,1-Dichloroethane	6.209	63	242373	24.975	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	118618	23.404	ug/L	98
22) 2-Butanone	7.167	43	91610	46.285	ug/L	99
23) Bromochloromethane	7.514	128	51881	23.697	ug/L	96
25) Chloroform	7.673	83	240554	25.657	ug/L	99

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27) 1,2-Dichloroethane	8.398	62	185570	28.372	ug/L	97
29) Cyclohexane	7.959	56	191586	22.247	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	197188	27.132	ug/L	98
31) Carbon tetrachloride	8.069	117	182821	27.512	ug/L	95
33) Benzene	8.325	78	489227	24.124	ug/L	100
34) Trichloroethene	9.093	95	122082	23.637	ug/L	95
35) Methylcyclohexane	9.331	83	204376	23.130	ug/L	98
37) 1,2-Dichloropropane	9.367	63	134593	24.231	ug/L	99
38) Bromodichloromethane	9.642	83	174197	26.733	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	207221	25.932	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	187787	51.973	ug/L	97
42) Toluene	10.386	91	521887	25.440	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	186257	27.080	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	94350	24.836	ug/L	96
46) Tetrachloroethene	10.861	164	91013	24.255	ug/L	90
48) 2-Hexanone	10.965	43	134501	54.707	ug/L	97
49) Dibromochloromethane	11.123	129	102142	25.707	ug/L	98
50) 1,2-Dibromoethane	11.233	107	82346	23.102	ug/L	95
51) Chlorobenzene	11.654	112	326207	25.174	ug/L	98
52) Ethylbenzene	11.727	91	609621	26.500	ug/L	97
53) m,p-Xylene	11.836	106	220526	25.876	ug/L	100
54) o-Xylene	12.166	106	209708	26.365	ug/L	86
55) Styrene	12.178	104	390075	28.205	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	121647	25.284	ug/L	98
59) Bromoform	12.349	173	62117	23.329	ug/L	97
60) Isopropylbenzene	12.458	105	617646	24.440	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	92865	22.523	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	515393	25.802	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	511394	26.126	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	260279	23.682	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	275354	24.007	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	241315	24.145	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	22586	22.723	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	191317	25.766	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	154017	24.465	ug/L	97
71) Naphthalene	15.360	128	288179	23.997	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	141895	24.989	ug/L	98

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

