

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081222\
 Data File : VW024230.D
 Acq On : 12 Aug 2022 11:39
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025532

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/16/2022
 Supervised By : Mahesh Dadoda 08/16/2022

Quant Time: Aug 12 22:51:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 12 03:13:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	279802	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	274172	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	168715	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	110812	18.947	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.800%		
7) Chloroethane-d5	2.873	69	77146	21.175	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.680%		
11) 1,1-Dichloroethene-d2	4.013	63	124649	18.701	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	74.800%		
21) 2-Butanone-d5	7.074	46	55719	51.208	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	102.420%		
24) Chloroform-d	7.641	84	195126	23.048	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.200%		
26) 1,2-Dichloroethane-d4	8.305	65	104515	22.236	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.960%		
32) Benzene-d6	8.269	84	340964	21.087	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	84.360%		
36) 1,2-Dichloropropane-d6	9.268	67	103711	21.724	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	86.880%		
41) Toluene-d8	10.323	98	320137	21.182	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	84.720%		
43) trans-1,3-Dichloroprop...	10.573	79	46249	22.117	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.480%		
47) 2-Hexanone-d5	10.920	63	47566	53.941	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.880%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	114357	24.689	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	98.760%		
66) 1,2-Dichlorobenzene-d4	13.853	152	139697	22.627	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.520%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	57610	23.403	ug/L	96
3) Chloromethane	2.215	50	112039	24.268	ug/L	95
5) Vinyl chloride	2.349	62	172469	26.836	ug/L	98
6) Bromomethane	2.763	94	93994	25.508	ug/L	98
8) Chloroethane	2.910	64	76244	27.084	ug/L	96
9) Trichlorofluoromethane	3.245	101	84037	27.585	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	100227	24.393	ug/L	98
12) 1,1-Dichloroethene	4.025	96	80260	23.860	ug/L	97
13) Acetone	4.123	43	37759m	47.134	ug/L	
14) Carbon disulfide	4.379	76	244130	22.680	ug/L	99
15) Methyl Acetate	4.672	43	46399	25.714	ug/L	98
16) Methylene chloride	4.909	84	105883	21.459	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	103070	26.533	ug/L	95
18) Methyl tert-butyl Ether	5.421	73	156048	28.171	ug/L #	87
19) 1,1-Dichloroethane	6.208	63	188765	27.586	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	113488	26.602	ug/L #	98
22) 2-Butanone	7.165	43	66966	49.607	ug/L	99
23) Bromochloromethane	7.506	128	58735	27.645	ug/L #	92
25) Chloroform	7.671	83	214022	28.384	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	140463	27.684	ug/L	97
29) Cyclohexane	7.952	56	152901	27.202	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	176336	28.520	ug/L	100
31) Carbon tetrachloride	8.061	117	169635	29.082	ug/L	96
33) Benzene	8.317	78	443716	27.401	ug/L	100
34) Trichloroethene	9.085	95	114225	26.687	ug/L	95
35) Methylcyclohexane	9.329	83	185069	27.574	ug/L	99
37) 1,2-Dichloropropane	9.366	63	110718	27.660	ug/L	99
38) Bromodichloromethane	9.640	83	156656	27.903	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	167892	28.509	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	153305	57.707	ug/L	98
42) Toluene	10.384	91	488995	28.417	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	157805	29.326	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	94630	28.048	ug/L	98
46) Tetrachloroethene	10.860	164	100743	29.074	ug/L	95
48) 2-Hexanone	10.969	43	108419	60.136	ug/L	99
49) Dibromochloromethane	11.128	129	118130	29.084	ug/L	96
50) 1,2-Dibromoethane	11.231	107	91743	28.382	ug/L	93
51) Chlorobenzene	11.652	112	326513	27.772	ug/L	92
52) Ethylbenzene	11.725	91	538692	28.573	ug/L	98
53) m,p-Xylene	11.835	106	220056	29.986	ug/L	94
54) o-Xylene	12.164	106	210295	30.332	ug/L	93
55) Styrene	12.176	104	371285	30.791	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	121330	28.775	ug/L	97
59) Bromoform	12.347	173	69903	27.163	ug/L	98
60) Isopropylbenzene	12.463	105	560100	27.423	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	86289	25.699	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	480205	28.451	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	480736	28.921	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	273169	27.313	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	288485	27.240	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	258676	27.237	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	19978	25.467	ug/L	92
69) 1,3,5-Trichlorobenzene	14.621	180	197107	30.056	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	149934	28.548	ug/L	99
71) Naphthalene	15.365	128	314833	30.776	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	147790	30.909	ug/L	97

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

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