

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
 Data File : VW024161.D
 Acq On : 04 Aug 2022 12:13
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025520

Quant Time: Aug 05 00:51:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 05 00:43:21 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/07/2022
 Supervised By :Mahesh Dadoda 08/09/2022

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 Dadoda
 08/09/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	313472	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	299884	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	166222	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	155060	23.665	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.640%		
7) Chloroethane-d5	2.873	69	97320	23.843	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.360%		
11) 1,1-Dichloroethene-d2	4.013	63	177323	23.746	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	95.000%		
21) 2-Butanone-d5	7.080	46	55611	45.619	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	91.240%		
24) Chloroform-d	7.647	84	205277	21.642	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	86.560%		
26) 1,2-Dichloroethane-d4	8.305	65	111821	21.235	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.920%		
32) Benzene-d6	8.269	84	397835	22.494	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	89.960%		
36) 1,2-Dichloropropane-d6	9.275	67	112776	21.597	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	86.400%		
41) Toluene-d8	10.323	98	383785	23.216	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.880%		
43) trans-1,3-Dichloroprop...	10.579	79	52410	22.915	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	91.640%		
47) 2-Hexanone-d5	10.921	63	45098	46.757	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	93.520%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	110122	21.736	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	86.960%		
66) 1,2-Dichlorobenzene-d4	13.853	152	141623	23.283	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.120%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	92233m	33.444	ug/L	
3) Chloromethane	2.209	50	139466	26.964	ug/L	99
5) Vinyl chloride	2.349	62	191647	26.617	ug/L	99
6) Bromomethane	2.770	94	104804	25.387	ug/L	90
8) Chloroethane	2.910	64	89079	28.244	ug/L	100
9) Trichlorofluoromethane	3.251	101	90261	26.445	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	119627	25.987	ug/L	95
12) 1,1-Dichloroethene	4.032	96	101203	26.854	ug/L	99
13) Acetone	4.123	43	43601	48.580	ug/L	65
14) Carbon disulfide	4.373	76	326121	27.043	ug/L	97
15) Methyl Acetate	4.672	43	49259	24.367	ug/L #	76
16) Methylene chloride	4.909	84	137919	24.949	ug/L	100
17) trans-1,2-Dichloroethene	5.415	96	114960	26.415	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	167432	26.980	ug/L	100
19) 1,1-Dichloroethane	6.208	63	198640	25.911	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	123934	25.930	ug/L #	99
22) 2-Butanone	7.171	43	74982	49.579	ug/L	99
23) Bromochloromethane	7.507	128	62589	26.295	ug/L #	90
25) Chloroform	7.677	83	220821	26.140	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	146367	25.749	ug/L	98
29) Cyclohexane	7.952	56	176291	28.674	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	182571	26.996	ug/L	99
31) Carbon tetrachloride	8.067	117	173373	27.174	ug/L	99
33) Benzene	8.323	78	479766	27.087	ug/L	100
34) Trichloroethene	9.092	95	126960	27.120	ug/L	95
35) Methylcyclohexane	9.329	83	212627	28.963	ug/L	99
37) 1,2-Dichloropropane	9.366	63	114922	26.248	ug/L	99
38) Bromodichloromethane	9.640	83	160611	26.155	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	178811	27.760	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	159508	54.894	ug/L	99
42) Toluene	10.384	91	527847	28.045	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	164321	27.919	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	97813	26.506	ug/L	99
46) Tetrachloroethene	10.866	164	106212	28.024	ug/L	91
48) 2-Hexanone	10.969	43	113955	57.787	ug/L	99
49) Dibromochloromethane	11.128	129	120040	27.020	ug/L	99
50) 1,2-Dibromoethane	11.231	107	94236	26.653	ug/L	97
51) Chlorobenzene	11.658	112	344208	26.767	ug/L	96
52) Ethylbenzene	11.731	91	588238	28.526	ug/L	100
53) m,p-Xylene	11.835	106	231697	28.865	ug/L	93
54) o-Xylene	12.164	106	221503	29.210	ug/L	97
55) Styrene	12.176	104	395728	30.005	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	120346	26.094	ug/L	98
59) Bromoform	12.347	173	69679	27.482	ug/L #	94
60) Isopropylbenzene	12.463	105	600669	29.851	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	86438	26.130	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	514024	30.912	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	506604	30.934	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	286103	29.036	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	288550	27.655	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	258108	27.585	ug/L #	89
68) 1,2-Dibromo-3-chloropr...	14.481	75	19136	24.759	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	193866	30.005	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	150974	29.177	ug/L	95
71) Naphthalene	15.359	128	321579	31.907	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	141474	30.031	ug/L	98

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

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