

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
 Data File : VW024180.D
 Acq On : 04 Aug 2022 23:12
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025521

Quant Time: Aug 05 01:07:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 05 01:00:42 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	434230	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	402843	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	218894	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	190119	20.946	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.800%		
7) Chloroethane-d5	2.873	69	111465	19.714	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.840%		
11) 1,1-Dichloroethene-d2	4.013	63	231642	22.394	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	89.560%		
21) 2-Butanone-d5	7.080	46	86015	50.938	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	101.880%		
24) Chloroform-d	7.647	84	295679	22.504	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	90.000%		
26) 1,2-Dichloroethane-d4	8.305	65	160110	21.949	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.800%		
32) Benzene-d6	8.275	84	578837	24.364	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	97.440%		
36) 1,2-Dichloropropane-d6	9.275	67	166024	23.668	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.680%		
41) Toluene-d8	10.323	98	550543	24.792	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	99.160%		
43) trans-1,3-Dichloroprop...	10.573	79	69198	22.522	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	90.080%		
47) 2-Hexanone-d5	10.921	63	73277	56.556	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	113.120%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	156883	23.052	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	92.200%		
66) 1,2-Dichlorobenzene-d4	13.847	152	198846	24.824	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.280%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	84236	22.050	ug/L	97
3) Chloromethane	2.209	50	142646	19.909	ug/L	98
5) Vinyl chloride	2.349	62	200112	20.064	ug/L	94
6) Bromomethane	2.764	94	97845	17.110	ug/L	100
8) Chloroethane	2.910	64	81270	18.602	ug/L	97
9) Trichlorofluoromethane	3.245	101	86438	18.282	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	135397	21.234	ug/L	98
12) 1,1-Dichloroethene	4.032	96	120569	23.096	ug/L	95
13) Acetone	4.123	43	54799m	44.077	ug/L	
14) Carbon disulfide	4.379	76	356944	21.368	ug/L	98
15) Methyl Acetate	4.672	43	62550	22.337	ug/L	96
16) Methylene chloride	4.909	84	173549	22.664	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	137078	22.738	ug/L	95
18) Methyl tert-butyl Ether	5.422	73	218962	25.471	ug/L	100
19) 1,1-Dichloroethane	6.208	63	233494	21.987	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	152315	23.006	ug/L #	95
22) 2-Butanone	7.171	43	91773	43.807	ug/L	99
23) Bromochloromethane	7.513	128	73420	22.267	ug/L	94
25) Chloroform	7.677	83	259328	22.161	ug/L	99

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27) 1,2-Dichloroethane	8.397	62	173786	22.070	ug/L	99
29) Cyclohexane	7.952	56	199566	24.164	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	206683	22.751	ug/L	99
31) Carbon tetrachloride	8.061	117	190965	22.282	ug/L	99
33) Benzene	8.323	78	556161	23.375	ug/L	100
34) Trichloroethene	9.092	95	145203	23.089	ug/L	96
35) Methylcyclohexane	9.335	83	238922	24.227	ug/L	98
37) 1,2-Dichloropropane	9.366	63	136099	23.140	ug/L	99
38) Bromodichloromethane	9.640	83	191419	23.205	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	197189	22.789	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	196893	50.442	ug/L	98
42) Toluene	10.384	91	610983	24.165	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	176266	22.294	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	114431	23.084	ug/L	97
46) Tetrachloroethene	10.860	164	116565	22.895	ug/L	88
48) 2-Hexanone	10.969	43	137213	51.797	ug/L	100
49) Dibromochloromethane	11.128	129	139011	23.293	ug/L	95
50) 1,2-Dibromoethane	11.232	107	112905	23.772	ug/L	98
51) Chlorobenzene	11.652	112	407066	23.565	ug/L	95
52) Ethylbenzene	11.725	91	676630	24.426	ug/L	97
53) m,p-Xylene	11.835	106	265873	24.657	ug/L	96
54) o-Xylene	12.164	106	253502	24.885	ug/L	96
55) Styrene	12.176	104	437190	24.676	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	140751	22.719	ug/L	99
59) Bromoform	12.347	173	82142	24.602	ug/L	97
60) Isopropylbenzene	12.463	105	678199	25.594	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	101340	23.263	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	589490	26.920	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	564693	26.184	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	324134	24.980	ug/L	97
65) 1,4-Dichlorobenzene	13.573	146	315585	22.968	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	297454	24.140	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	22160	21.773	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	216880	25.490	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	173496	25.462	ug/L	98
71) Naphthalene	15.359	128	379020	28.557	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	159978	25.788	ug/L	98

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

