

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082922\
 Data File : VW024494.D
 Acq On : 30 Aug 2022 14:18
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.26g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025556

Quant Time: Aug 30 14:42:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 30 07:05:43 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/31/2022
 Supervised By : Mahesh Dadoda 08/31/2022

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 Dadoda
 08/31/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.836	114	328424	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	324045	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	180257	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	174007	19.220	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.880%		
7) Chloroethane-d5	2.867	69	136064	20.059	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.240%		
11) 1,1-Dichloroethene-d2	4.007	63	169875	21.635	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	86.560%		
21) 2-Butanone-d5	7.074	46	82507	49.479	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.960%		
24) Chloroform-d	7.647	84	239313	22.665	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	90.680%		
26) 1,2-Dichloroethane-d4	8.305	65	140799	21.989	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.960%		
32) Benzene-d6	8.269	84	416222	22.418	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	89.680%		
36) 1,2-Dichloropropane-d6	9.268	67	134469	23.289	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.160%		
41) Toluene-d8	10.323	98	373169	21.140	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	84.560%		
43) trans-1,3-Dichloroprop...	10.573	79	60307	22.319	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	89.280%		
47) 2-Hexanone-d5	10.921	63	70469	54.538	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	109.080%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	156073	23.874	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	95.480%		
66) 1,2-Dichlorobenzene-d4	13.853	152	160707	23.675	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.720%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.002	85	59766	18.169	ug/L	98
3) Chloromethane	2.209	50	158742	25.829	ug/L	100
5) Vinyl chloride	2.349	62	260356	24.234	ug/L	96
6) Bromomethane	2.764	94	149323	19.801	ug/L	98
8) Chloroethane	2.910	64	128791	22.948	ug/L	100
9) Trichlorofluoromethane	3.239	101	100667	19.926	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	123871	25.563	ug/L	96
12) 1,1-Dichloroethene	4.026	96	107760	27.469	ug/L	97
13) Acetone	4.123	43	46496	46.724	ug/L	97
14) Carbon disulfide	4.367	76	309511	23.740	ug/L	99
15) Methyl Acetate	4.666	43	56164	23.071	ug/L	97
16) Methylene chloride	4.910	84	158558	28.786	ug/L	88
17) trans-1,2-Dichloroethene	5.416	96	115934	24.967	ug/L	96
18) Methyl tert-butyl Ether	5.422	73	206560	27.168	ug/L	97
19) 1,1-Dichloroethane	6.208	63	211867	24.129	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	128288m	25.124	ug/L	
22) 2-Butanone	7.171	43	80546	45.366	ug/L	98
23) Bromochloromethane	7.513	128	60379	24.216	ug/L	91
25) Chloroform	7.671	83	234214	24.042	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	163904	23.114	ug/L	98
29) Cyclohexane	7.952	56	190995	27.339	ug/L	96
30) 1,1,1-Trichloroethane	7.866	97	186610	24.426	ug/L	97
31) Carbon tetrachloride	8.061	117	171669	24.562	ug/L	100
33) Benzene	8.317	78	509192	25.239	ug/L	100
34) Trichloroethene	9.086	95	131069	24.649	ug/L	96
35) Methylcyclohexane	9.329	83	228890	26.829	ug/L	99
37) 1,2-Dichloropropane	9.366	63	123960	23.808	ug/L #	97
38) Bromodichloromethane	9.640	83	174512	24.613	ug/L	95
39) cis-1,3-Dichloropropene	10.067	75	193765	26.623	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	185678	50.152	ug/L	97
42) Toluene	10.384	91	574734	25.813	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	177044	25.034	ug/L	96
45) 1,1,2-Trichloroethane	10.780	97	105017	24.734	ug/L	95
46) Tetrachloroethene	10.860	164	98038	23.740	ug/L	90
48) 2-Hexanone	10.963	43	131130	48.017	ug/L	97
49) Dibromochloromethane	11.128	129	121408	24.176	ug/L	96
50) 1,2-Dibromoethane	11.232	107	103547	25.367	ug/L	94
51) Chlorobenzene	11.652	112	375436	25.123	ug/L	97
52) Ethylbenzene	11.725	91	643697	26.150	ug/L	96
53) m,p-Xylene	11.835	106	248580	25.714	ug/L	96
54) o-Xylene	12.164	106	235893	26.103	ug/L	91
55) Styrene	12.177	104	431373	27.004	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	138876	23.434	ug/L	98
59) Bromoform	12.347	173	67822	23.446	ug/L	97
60) Isopropylbenzene	12.463	105	660661	27.595	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	100542	24.665	ug/L	97
62) 1,3,5-Trimethylbenzene	12.939	105	567344	29.389	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	542180	28.914	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	287349	25.103	ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	293867	24.316	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	265625	24.755	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	22204	21.681	ug/L	95
69) 1,3,5-Trichlorobenzene	14.621	180	187496	25.378	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	149096	25.960	ug/L	97
71) Naphthalene	15.359	128	362651	28.751	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	135900	25.036	ug/L	93

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

