

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080822\
 Data File : VW024204.D
 Acq On : 08 Aug 2022 18:26
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025525

Quant Time: Aug 09 04:15:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 09 04:14:12 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	329131	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	320527	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	186873	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	139444	20.269	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	81.080%		
7) Chloroethane-d5	2.873	69	98369	22.953	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.800%		
11) 1,1-Dichloroethene-d2	4.007	63	147038	18.754	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	75.000%		
21) 2-Butanone-d5	7.080	46	66568	52.009	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	104.020%		
24) Chloroform-d	7.640	84	220157	22.107	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	88.440%		
26) 1,2-Dichloroethane-d4	8.305	65	122426	22.143	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.560%		
32) Benzene-d6	8.268	84	413905	21.896	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.600%		
36) 1,2-Dichloropropane-d6	9.274	67	126717	22.704	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	90.800%		
41) Toluene-d8	10.323	98	390247	22.087	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.360%		
43) trans-1,3-Dichloroprop...	10.579	79	52257	21.376	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	85.520%		
47) 2-Hexanone-d5	10.926	63	58865	57.100	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	114.200%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	128453	23.721	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.880%		
66) 1,2-Dichlorobenzene-d4	13.853	152	150850	22.059	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	80891	27.935	ug/L	92
3) Chloromethane	2.209	50	138694	25.539	ug/L	99
5) Vinyl chloride	2.349	62	179819	23.786	ug/L	99
6) Bromomethane	2.763	94	91909	21.204	ug/L	93
8) Chloroethane	2.910	64	86612	26.155	ug/L	99
9) Trichlorofluoromethane	3.239	101	56356	15.726	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	102038	21.112	ug/L	97
12) 1,1-Dichloroethene	4.025	96	81693	20.646	ug/L	95
13) Acetone	4.129	43	45956m	48.768	ug/L	
14) Carbon disulfide	4.373	76	294847	23.286	ug/L	96
15) Methyl Acetate	4.672	43	55023	25.923	ug/L	97
16) Methylene chloride	4.903	84	115611	19.919	ug/L	97
17) trans-1,2-Dichloroethene	5.415	96	109337	23.927	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	174179	26.732	ug/L	99
19) 1,1-Dichloroethane	6.214	63	196517	24.414	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	129210	25.748	ug/L #	92
22) 2-Butanone	7.171	43	81512	51.333	ug/L	99
23) Bromochloromethane	7.506	128	64424	25.778	ug/L	96
25) Chloroform	7.671	83	224440	25.304	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	152590	25.567	ug/L	99
29) Cyclohexane	7.951	56	160663	24.449	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	176992	24.486	ug/L	98
31) Carbon tetrachloride	8.067	117	163674	24.002	ug/L	98
33) Benzene	8.323	78	478410	25.271	ug/L	100
34) Trichloroethene	9.091	95	122976	24.577	ug/L	94
35) Methylcyclohexane	9.335	83	192665	24.554	ug/L	99
37) 1,2-Dichloropropane	9.366	63	120843	25.823	ug/L	99
38) Bromodichloromethane	9.646	83	166276	25.333	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	172397	25.041	ug/L	93
40) 4-Methyl-2-pentanone	10.207	43	178615	57.511	ug/L	98
42) Toluene	10.384	91	526861	26.190	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	157469	25.032	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	103789	26.314	ug/L	97
46) Tetrachloroethene	10.859	164	101391	25.029	ug/L	95
48) 2-Hexanone	10.969	43	126814	60.166	ug/L	99
49) Dibromochloromethane	11.128	129	128554	27.073	ug/L	98
50) 1,2-Dibromoethane	11.231	107	103152	27.296	ug/L #	99
51) Chlorobenzene	11.658	112	351930	25.605	ug/L	97
52) Ethylbenzene	11.731	91	565184	25.643	ug/L	96
53) m,p-Xylene	11.841	106	226578	26.409	ug/L	92
54) o-Xylene	12.164	106	221489	27.327	ug/L	98
55) Styrene	12.176	104	387536	27.491	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	134059	27.196	ug/L	97
59) Bromoform	12.347	173	75476	26.479	ug/L	100
60) Isopropylbenzene	12.463	105	589805	26.072	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	95138	25.582	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	496610	26.564	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	487455	26.476	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	287626	25.965	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	296873	25.308	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	269160	25.587	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	22176	25.522	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	197196	27.147	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	159732	27.459	ug/L	99
71) Naphthalene	15.365	128	357211	31.526	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	148697	28.077	ug/L	99

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

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