

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081022\
 Data File : VW024217.D
 Acq On : 10 Aug 2022 08:58
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025528

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/11/2022
 Supervised By : Mahesh Dadoda 08/12/2022

Quant Time: Aug 10 09:28:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 10 01:09:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	254470	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	265723	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	153807	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	136984	25.753	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.000%			
7) Chloroethane-d5	2.873	69	82951	25.035	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.120%			
11) 1,1-Dichloroethene-d2	4.007	63	124028	20.460	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.840%			
21) 2-Butanone-d5	7.080	46	48303	48.811	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.620%			
24) Chloroform-d	7.641	84	183242	23.799	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.200%			
26) 1,2-Dichloroethane-d4	8.305	65	104250	24.387	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.560%			
32) Benzene-d6	8.268	84	337548	21.539	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 86.160%			
36) 1,2-Dichloropropane-d6	9.274	67	105726	22.850	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 91.400%			
41) Toluene-d8	10.317	98	323461	22.082	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.320%			
43) trans-1,3-Dichloroprop...	10.573	79	47369	23.373	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.480%			
47) 2-Hexanone-d5	10.920	63	44663	52.259	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.520%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	113953	25.384	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.520%			
66) 1,2-Dichlorobenzene-d4	13.853	152	133092	23.647	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	49051	21.910	ug/L	93
3) Chloromethane	2.209	50	117450	27.973	ug/L	99
5) Vinyl chloride	2.349	62	178889	30.606	ug/L	96
6) Bromomethane	2.763	94	93382	27.865	ug/L	93
8) Chloroethane	2.910	64	72447	28.297	ug/L	96
9) Trichlorofluoromethane	3.245	101	81409	29.382	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	87295	23.361	ug/L	96
12) 1,1-Dichloroethene	4.025	96	72267	23.622	ug/L	97
13) Acetone	4.123	43	32634	44.792	ug/L	65
14) Carbon disulfide	4.373	76	219347	22.406	ug/L	96
15) Methyl Acetate	4.672	43	39159m	23.862	ug/L	
16) Methylene chloride	4.903	84	97321	21.687	ug/L	97
17) trans-1,2-Dichloroethene	5.415	96	85966	24.333	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	123056	24.427	ug/L	98
19) 1,1-Dichloroethane	6.208	63	162173	26.059	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	95207	24.538	ug/L #	99
22) 2-Butanone	7.171	43	58244	47.441	ug/L	98
23) Bromochloromethane	7.513	128	46175	23.897	ug/L	93
25) Chloroform	7.671	83	181321	26.441	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	126044	27.315	ug/L	100
29) Cyclohexane	7.951	56	135526	24.877	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	148992	24.863	ug/L	99
31) Carbon tetrachloride	8.061	117	142973	25.290	ug/L	96
33) Benzene	8.323	78	402221	25.629	ug/L	100
34) Trichloroethene	9.091	95	99582	24.006	ug/L	96
35) Methylcyclohexane	9.329	83	168122	25.845	ug/L	100
37) 1,2-Dichloropropane	9.366	63	101473	26.156	ug/L	99
38) Bromodichloromethane	9.640	83	138499	25.453	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	150273	26.329	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	132791	51.574	ug/L	99
42) Toluene	10.384	91	445970	26.741	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	142807	27.383	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	82402	25.200	ug/L	96
46) Tetrachloroethene	10.859	164	78263	23.305	ug/L	94
48) 2-Hexanone	10.969	43	94415	54.033	ug/L	99
49) Dibromochloromethane	11.122	129	101711	25.838	ug/L	97
50) 1,2-Dibromoethane	11.231	107	77702	24.802	ug/L	95
51) Chlorobenzene	11.652	112	297391	26.099	ug/L	96
52) Ethylbenzene	11.731	91	501865	27.466	ug/L	100
53) m,p-Xylene	11.835	106	200125	28.137	ug/L	93
54) o-Xylene	12.164	106	192197	28.603	ug/L	91
55) Styrene	12.176	104	340475	29.134	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	110322	26.996	ug/L	98
59) Bromoform	12.347	173	57340	24.441	ug/L	96
60) Isopropylbenzene	12.463	105	527144	28.312	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	76631	25.035	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	444175	28.868	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	436524	28.807	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	236619	25.952	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	248267	25.715	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	230208	26.589	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	16474	23.036	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	163215	27.300	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	122849	25.658	ug/L	96
71) Naphthalene	15.359	128	257998	27.665	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	116986	26.838	ug/L	96

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

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