

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030422\
 Data File : VW022174.D
 Acq On : 04 Mar 2022 12:12
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025571

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/05/2022
 Supervised By : Mahesh Dadoda 03/07/2022

Quant Time: Mar 05 03:14:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 04 00:31:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	168094	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	157244	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	86781	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	52660	24.019	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.080%		
7) Chloroethane-d5	2.885	69	38075	22.072	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.280%		
11) 1,1-Dichloroethene-d2	4.026	63	86962	25.901	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	103.600%		
21) 2-Butanone-d5	7.086	46	16676	45.238	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.480%		
24) Chloroform-d	7.653	84	95947	25.583	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	102.320%		
26) 1,2-Dichloroethane-d4	8.305	65	46828	24.021	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	96.080%		
32) Benzene-d6	8.275	84	190017	25.965	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	103.880%		
36) 1,2-Dichloropropane-d6	9.275	67	50895	25.043	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.160%		
41) Toluene-d8	10.323	98	190823	26.228	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	104.920%		
43) trans-1,3-Dichloroprop...	10.573	79	22602	25.082	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	100.320%		
47) 2-Hexanone-d5	10.927	63	14917	44.627	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.260%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	41733	23.398	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	93.600%		
66) 1,2-Dichlorobenzene-d4	13.853	152	70056	25.134	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	100.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.008	85	7973	16.972	ug/L	96
3) Chloromethane	2.215	50	36310	22.556	ug/L	95
5) Vinyl chloride	2.361	62	52094	21.538	ug/L	95
6) Bromomethane	2.782	94	37916	22.445	ug/L	91
8) Chloroethane	2.922	64	28820	21.211	ug/L	97
9) Trichlorofluoromethane	3.270	101	42929	26.142	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	51545	25.727	ug/L	98
12) 1,1-Dichloroethene	4.038	96	43054	24.795	ug/L #	86
13) Acetone	4.135	43	13572	45.078	ug/L	99
14) Carbon disulfide	4.385	76	93308	20.727	ug/L	96
15) Methyl Acetate	4.678	43	15578m	22.983	ug/L	
16) Methylene chloride	4.916	84	46326	22.453	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	46802	24.540	ug/L	93
18) Methyl tert-butyl Ether	5.428	73	70592	27.206	ug/L	100
19) 1,1-Dichloroethane	6.220	63	81377	26.356	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	54266	26.266	ug/L	98
22) 2-Butanone	7.171	43	22174	51.269	ug/L	97
23) Bromochloromethane	7.519	128	26161	25.921	ug/L	98
25) Chloroform	7.677	83	94243	26.159	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	55897	25.190	ug/L	100
29) Cyclohexane	7.958	56	64902	24.802	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	84314	26.651	ug/L	98
31) Carbon tetrachloride	8.074	117	78525	26.117	ug/L	99
33) Benzene	8.324	78	191965	25.251	ug/L	100
34) Trichloroethene	9.092	95	55585	25.536	ug/L	97
35) Methylcyclohexane	9.336	83	83629	24.839	ug/L	100
37) 1,2-Dichloropropane	9.372	63	45941	25.903	ug/L	99
38) Bromodichloromethane	9.646	83	66553	26.167	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	73688	27.333	ug/L	93
40) 4-Methyl-2-pentanone	10.207	43	47123	49.200	ug/L	98
42) Toluene	10.390	91	222334	25.840	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	64269	26.528	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	39700	25.243	ug/L	98
46) Tetrachloroethene	10.860	164	49607	26.015	ug/L	93
48) 2-Hexanone	10.969	43	34530	51.943	ug/L	97
49) Dibromochloromethane	11.128	129	51411	26.912	ug/L	97
50) 1,2-Dibromoethane	11.238	107	37763	24.894	ug/L #	100
51) Chlorobenzene	11.658	112	156739	26.174	ug/L	97
52) Ethylbenzene	11.731	91	252144	26.478	ug/L	99
53) m,p-Xylene	11.835	106	104739	26.730	ug/L	97
54) o-Xylene	12.164	106	99824	27.075	ug/L	94
55) Styrene	12.176	104	167402	27.084	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	45698	25.043	ug/L	97
59) Bromoform	12.347	173	28438	24.780	ug/L #	98
60) Isopropylbenzene	12.463	105	275900	26.485	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	32349	23.618	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	190021	27.431	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	231159	27.305	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	132377	25.616	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	133537	25.786	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	119605	26.032	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	6634	22.912	ug/L #	77
69) 1,3,5-Trichlorobenzene	14.621	180	97268	26.224	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	74888	26.684	ug/L	98
71) Naphthalene	15.365	128	131851	26.613	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	65110	26.822	ug/L	96

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

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