

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081522\
 Data File : VW024246.D
 Acq On : 15 Aug 2022 20:11
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025535

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/16/2022
 Supervised By :Semsettin Yesilyurt 08/16/2022

Quant Time: Aug 16 01:20:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 16 01:17:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	276549	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	276858	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	161912	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	100768	17.432	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	69.720%		
7) Chloroethane-d5	2.873	69	65833	18.282	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	73.120%		
11) 1,1-Dichloroethene-d2	4.013	63	131987	20.035	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	80.120%		
21) 2-Butanone-d5	7.080	46	59968	55.761	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	111.520%		
24) Chloroform-d	7.647	84	195878	23.409	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	93.640%		
26) 1,2-Dichloroethane-d4	8.299	65	106520	22.929	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	91.720%		
32) Benzene-d6	8.268	84	337221	20.653	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	82.600%		
36) 1,2-Dichloropropane-d6	9.268	67	103928	21.558	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	86.240%		
41) Toluene-d8	10.323	98	315446	20.669	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.680%		
43) trans-1,3-Dichloroprop...	10.579	79	44977	21.300	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	85.200%		
47) 2-Hexanone-d5	10.920	63	48619	54.600	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	109.200%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	119926	25.640	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	102.560%		
66) 1,2-Dichlorobenzene-d4	13.847	152	135469	22.864	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.001	85	50319	20.682	ug/L	99
3) Chloromethane	2.215	50	92952	20.371	ug/L	99
5) Vinyl chloride	2.349	62	149324	23.508	ug/L	96
6) Bromomethane	2.763	94	86190	23.665	ug/L	88
8) Chloroethane	2.910	64	63135	22.691	ug/L	94
9) Trichlorofluoromethane	3.245	101	52584	17.463	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	106167	26.143	ug/L	97
12) 1,1-Dichloroethene	4.025	96	83214	25.029	ug/L	93
13) Acetone	4.123	43	39033m	49.297	ug/L	
14) Carbon disulfide	4.379	76	220281	20.705	ug/L	97
15) Methyl Acetate	4.672	43	46040	25.815	ug/L	98
16) Methylene chloride	4.909	84	106063	21.748	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	97487	25.391	ug/L	92
18) Methyl tert-butyl Ether	5.428	73	167077	30.517	ug/L	99
19) 1,1-Dichloroethane	6.208	63	177061	26.180	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	110708	26.255	ug/L #	96
22) 2-Butanone	7.171	43	64473	48.322	ug/L	98
23) Bromochloromethane	7.512	128	57318	27.295	ug/L	93
25) Chloroform	7.671	83	205835	27.619	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	138648	27.648	ug/L	96
29) Cyclohexane	7.951	56	135839	23.932	ug/L	97
30) 1,1,1-Trichloroethane	7.866	97	163261	26.149	ug/L	99
31) Carbon tetrachloride	8.067	117	146263	24.832	ug/L	99
33) Benzene	8.317	78	420660	25.726	ug/L	100
34) Trichloroethene	9.085	95	110440	25.553	ug/L	98
35) Methylcyclohexane	9.329	83	173156	25.548	ug/L	97
37) 1,2-Dichloropropane	9.366	63	105867	26.191	ug/L	98
38) Bromodichloromethane	9.640	83	154219	27.203	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	157242	26.442	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	144816	53.983	ug/L	98
42) Toluene	10.384	91	466591	26.852	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	146575	26.975	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	93203	27.357	ug/L	98
46) Tetrachloroethene	10.859	164	89740	25.647	ug/L	97
48) 2-Hexanone	10.963	43	98789	54.263	ug/L	97
49) Dibromochloromethane	11.128	129	113447	27.660	ug/L	90
50) 1,2-Dibromoethane	11.231	107	88387	27.078	ug/L	98
51) Chlorobenzene	11.652	112	312108	26.289	ug/L	96
52) Ethylbenzene	11.725	91	518639	27.243	ug/L	100
53) m,p-Xylene	11.835	106	207477	27.998	ug/L	90
54) o-Xylene	12.164	106	194318	27.756	ug/L	99
55) Styrene	12.176	104	358173	29.416	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	113833	26.735	ug/L	98
59) Bromoform	12.347	173	69636	28.196	ug/L	97
60) Isopropylbenzene	12.463	105	536326	27.363	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	82762	25.685	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	460404	28.424	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	447920	28.079	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	262692	27.369	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	264852	26.059	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	244799	26.859	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	18709	24.851	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	183001	29.077	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	141855	28.145	ug/L	100
71) Naphthalene	15.359	128	275967	28.110	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	129196	28.155	ug/L	98

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

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