

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051022\
 Data File : VW022942.D
 Acq On : 10 May 2022 08:50
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025524

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/11/2022
 Supervised By :Mahesh Dadoda 05/16/2022

Quant Time: May 11 01:11:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 09 22:55:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	319941	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	315913	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	180726	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	121594	18.524	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.080%
7) Chloroethane-d5	2.885	69	95368	22.332	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.320%
11) 1,1-Dichloroethene-d2	4.019	63	184869	21.797	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.200%
21) 2-Butanone-d5	7.074	46	60515	48.488	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.980%
24) Chloroform-d	7.647	84	237381	25.325	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.280%
26) 1,2-Dichloroethane-d4	8.305	65	123037	23.932	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.720%
32) Benzene-d6	8.275	84	429445	23.584	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.320%
36) 1,2-Dichloropropane-d6	9.268	67	128504	25.123	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.480%
41) Toluene-d8	10.323	98	412597	23.456	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.840%
43) trans-1,3-Dichloroprop...	10.573	79	54785	23.262	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.040%
47) 2-Hexanone-d5	10.920	63	48934	50.115	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.220%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	119769	25.122	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	157240	24.889	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.560%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	32322m	18.532	ug/L	
3) Chloromethane	2.221	50	79957	23.724	ug/L	99
5) Vinyl chloride	2.361	62	156449	23.130	ug/L	99
6) Bromomethane	2.782	94	96636	22.252	ug/L	98
8) Chloroethane	2.922	64	83941	25.730	ug/L	99
9) Trichlorofluoromethane	3.257	101	86871	28.100	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	117107	25.334	ug/L	97
12) 1,1-Dichloroethene	4.037	96	99884	24.375	ug/L	99
13) Acetone	4.117	43	40094	42.909	ug/L	99
14) Carbon disulfide	4.385	76	238876	21.263	ug/L	99
15) Methyl Acetate	4.672	43	40985	21.833	ug/L	99
16) Methylene chloride	4.915	84	113963	24.343	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	112131	24.316	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	182849	25.975	ug/L	98
19) 1,1-Dichloroethane	6.214	63	203563	26.046	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	129423	26.130	ug/L #	99
22) 2-Butanone	7.171	43	60104	45.995	ug/L	99
23) Bromochloromethane	7.512	128	56902	24.531	ug/L	87
25) Chloroform	7.677	83	233464	27.015	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	147075	25.531	ug/L	98
29) Cyclohexane	7.957	56	166772	24.410	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	201234	26.955	ug/L	99
31) Carbon tetrachloride	8.067	117	180087	25.787	ug/L	99
33) Benzene	8.323	78	479857	25.784	ug/L	100
34) Trichloroethene	9.091	95	129337	25.270	ug/L	98
35) Methylcyclohexane	9.335	83	205859	24.484	ug/L	97
37) 1,2-Dichloropropane	9.366	63	117665	26.126	ug/L	100
38) Bromodichloromethane	9.646	83	168931	26.408	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	186949	26.771	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	131798	46.430	ug/L	98
42) Toluene	10.384	91	557261	26.719	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	164166	26.338	ug/L	99
45) 1,1,2-Trichloroethane	10.780	97	98398	26.135	ug/L	92
46) Tetrachloroethene	10.859	164	98214	25.535	ug/L	93
48) 2-Hexanone	10.963	43	91084	48.023	ug/L	99
49) Dibromochloromethane	11.128	129	119777	26.433	ug/L	94
50) 1,2-Dibromoethane	11.237	107	91567	24.221	ug/L	99
51) Chlorobenzene	11.652	112	364876	26.536	ug/L	98
52) Ethylbenzene	11.725	91	629936	27.148	ug/L	99
53) m,p-Xylene	11.835	106	251309	27.487	ug/L	98
54) o-Xylene	12.164	106	241895	27.571	ug/L	99
55) Styrene	12.176	104	419368	28.130	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	118681	25.238	ug/L	97
59) Bromoform	12.347	173	62262	24.310	ug/L	97
60) Isopropylbenzene	12.463	105	672359	27.157	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	84531	23.409	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	366322	26.595	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	567825	27.455	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	296974	26.866	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	293070	25.668	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	262686	25.969	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	17943	22.736	ug/L #	89
69) 1,3,5-Trichlorobenzene	14.627	180	199149	27.141	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	160394	27.174	ug/L	97
71) Naphthalene	15.359	128	316214	24.649	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	133221	25.466	ug/L	98

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

