

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061322\
 Data File : VW023465.D
 Acq On : 13 Jun 2022 08:34
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025570

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/14/2022
 Supervised By :Mahesh Dadoda 06/15/2022

Quant Time: Jun 14 01:23:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 11 00:06:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	398910	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	376417	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	202233	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	138379	21.835	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.360%
7) Chloroethane-d5	2.885	69	96343	20.681	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.720%
11) 1,1-Dichloroethene-d2	4.026	63	202218	22.860	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.440%
21) 2-Butanone-d5	7.074	46	65673	50.754	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.500%
24) Chloroform-d	7.653	84	252271	22.973	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.880%
26) 1,2-Dichloroethane-d4	8.305	65	131480	22.232	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.920%
32) Benzene-d6	8.275	84	458060	22.950	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	9.275	67	140553	23.903	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.600%
41) Toluene-d8	10.323	98	468753	24.045	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	10.579	79	63152	23.530	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.120%
47) 2-Hexanone-d5	10.921	63	55272	58.825	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.640%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	139503	25.401	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	13.847	152	169065	23.158	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	35066m	24.108	ug/L	
3) Chloromethane	2.221	50	120330	25.009	ug/L	98
5) Vinyl chloride	2.361	62	183334	24.449	ug/L	100
6) Bromomethane	2.782	94	90043	21.216	ug/L	97
8) Chloroethane	2.922	64	88791	22.352	ug/L	99
9) Trichlorofluoromethane	3.257	101	94355	27.899	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	124571	25.549	ug/L	98
12) 1,1-Dichloroethene	4.038	96	107980	24.860	ug/L	93
13) Acetone	4.123	43	51084	54.797	ug/L	75
14) Carbon disulfide	4.385	76	331918	24.841	ug/L	98
15) Methyl Acetate	4.672	43	55259m	26.549	ug/L	
16) Methylene chloride	4.916	84	128755	23.849	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	128343	24.956	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	204621	26.436	ug/L	99
19) 1,1-Dichloroethane	6.214	63	222395	24.142	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	137199	24.395	ug/L #	96
22) 2-Butanone	7.171	43	79069	55.412	ug/L	99
23) Bromochloromethane	7.513	128	64827	25.021	ug/L	93
25) Chloroform	7.677	83	250864	24.132	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	163749	23.818	ug/L	100
29) Cyclohexane	7.958	56	185462	24.462	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	215820	24.769	ug/L	99
31) Carbon tetrachloride	8.067	117	195975	24.414	ug/L	99
33) Benzene	8.324	78	521109	23.965	ug/L	100
34) Trichloroethene	9.092	95	141185	24.224	ug/L	96
35) Methylcyclohexane	9.336	83	233276	24.723	ug/L	97
37) 1,2-Dichloropropane	9.372	63	130523	24.563	ug/L	98
38) Bromodichloromethane	9.646	83	179892	24.070	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	206104	25.310	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	170316	56.194	ug/L	99
42) Toluene	10.390	91	616640	25.382	ug/L	95
44) trans-1,3-Dichloropropene	10.604	75	188346	25.633	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	112736	25.827	ug/L	97
46) Tetrachloroethene	10.866	164	114746	25.503	ug/L	82
48) 2-Hexanone	10.969	43	123570	60.328	ug/L	97
49) Dibromochloromethane	11.128	129	131982	25.818	ug/L	98
50) 1,2-Dibromoethane	11.238	107	105023	25.738	ug/L	98
51) Chlorobenzene	11.658	112	384577	23.456	ug/L	98
52) Ethylbenzene	11.731	91	659293	23.878	ug/L	96
53) m,p-Xylene	11.841	106	270137	25.137	ug/L	100
54) o-Xylene	12.164	106	261565	25.470	ug/L	98
55) Styrene	12.177	104	452558	25.345	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	142292	26.843	ug/L	94
59) Bromoform	12.347	173	78705	27.379	ug/L	97
60) Isopropylbenzene	12.463	105	708438	24.473	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	102274	26.578	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	598064	25.261	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	572005	24.143	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	306672	23.880	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	316797	24.159	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	295557	25.127	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	22082	25.989	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	215991	25.740	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	162254	24.832	ug/L	97
71) Naphthalene	15.365	128	354013	27.542	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	135516	23.857	ug/L	92

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

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