

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052722\
 Data File : VW023365.D
 Acq On : 27 May 2022 12:13
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025557

Quant Time: May 27 22:04:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 27 22:02:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.836	114	308640	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	322975	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	185891	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	108733	17.171	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.680%
7) Chloroethane-d5	2.885	69	82370	19.995	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.960%
11) 1,1-Dichloroethene-d2	4.019	63	154676	18.905	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.600%
21) 2-Butanone-d5	7.074	46	53449	44.395	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.780%
24) Chloroform-d	7.647	84	215591	23.842	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.360%
26) 1,2-Dichloroethane-d4	8.305	65	112940	22.773	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.080%
32) Benzene-d6	8.275	84	389864	20.942	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.760%
36) 1,2-Dichloropropane-d6	9.275	67	117443	22.459	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.840%
41) Toluene-d8	10.323	98	381340	21.205	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.840%
43) trans-1,3-Dichloroprop...	10.579	79	52159	21.663	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.640%
47) 2-Hexanone-d5	10.921	63	44245	44.322	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.640%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	118720	24.357	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.440%
66) 1,2-Dichlorobenzene-d4	13.853	152	148536	22.858	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.002	85	45785	27.212	ug/L	94
3) Chloromethane	2.215	50	102172	31.426	ug/L	98
5) Vinyl chloride	2.355	62	152342	23.348	ug/L	97
6) Bromomethane	2.776	94	80430	19.199	ug/L	88
8) Chloroethane	2.916	64	80005	25.422	ug/L	95
9) Trichlorofluoromethane	3.251	101	58850	19.733	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	108669	24.369	ug/L	97
12) 1,1-Dichloroethene	4.044	96	92626	23.432	ug/L	81
13) Acetone	4.123	43	31371	34.803	ug/L	99
14) Carbon disulfide	4.379	76	243636	22.481	ug/L	98
15) Methyl Acetate	4.666	43	43736	24.152	ug/L	99
16) Methylene chloride	4.916	84	113060	25.034	ug/L	99
17) trans-1,2-Dichloroethene	5.416	96	111289	25.017	ug/L	95
18) Methyl tert-butyl Ether	5.422	73	180915	26.641	ug/L	99
19) 1,1-Dichloroethane	6.214	63	198532	26.332	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	126295	26.432	ug/L #	98
22) 2-Butanone	7.171	43	57294	45.450	ug/L	97
23) Bromochloromethane	7.513	128	59288	26.495	ug/L	95
25) Chloroform	7.677	83	226790	27.204	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	150199	27.028	ug/L	98
29) Cyclohexane	7.952	56	167705	24.009	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	191554	25.097	ug/L	100
31) Carbon tetrachloride	8.061	117	176694	24.748	ug/L	98
33) Benzene	8.324	78	479133	25.182	ug/L	100
34) Trichloroethene	9.092	95	127241	24.317	ug/L	96
35) Methylcyclohexane	9.336	83	205661	23.925	ug/L	98
37) 1,2-Dichloropropane	9.366	63	118675	25.774	ug/L	99
38) Bromodichloromethane	9.646	83	166753	25.498	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	185524	25.986	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	132591	45.688	ug/L	99
42) Toluene	10.384	91	555650	26.059	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	168690	26.472	ug/L	98
45) 1,1,2-Trichloroethane	10.787	97	100231	26.040	ug/L	98
46) Tetrachloroethene	10.866	164	100640	25.593	ug/L	86
48) 2-Hexanone	10.963	43	92567	47.738	ug/L	97
49) Dibromochloromethane	11.128	129	121605	26.250	ug/L	100
50) 1,2-Dibromoethane	11.232	107	95490	24.707	ug/L	97
51) Chlorobenzene	11.652	112	369962	26.318	ug/L	99
52) Ethylbenzene	11.731	91	640150	26.985	ug/L	99
53) m,p-Xylene	11.835	106	255588	27.344	ug/L	96
54) o-Xylene	12.164	106	246137	27.441	ug/L	100
55) Styrene	12.177	104	423899	27.812	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	123645	25.719	ug/L	95
59) Bromoform	12.347	173	65517	24.870	ug/L	98
60) Isopropylbenzene	12.463	105	660230	25.926	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	87032	23.432	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	367115	25.912	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	559813	26.315	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	294647	25.915	ug/L	91
65) 1,4-Dichlorobenzene	13.573	146	304619	25.938	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	276112	26.538	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	18442	22.719	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	200065	26.508	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	157684	25.973	ug/L	99
71) Naphthalene	15.359	128	327192	24.796	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	147941	27.494	ug/L	99

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

