

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080922\
 Data File : VW024206.D
 Acq On : 09 Aug 2022 12:13
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025526

Quant Time: Aug 10 01:06:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 09 04:14:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	289619	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	296176	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	173306	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	139171	22.989	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.960%
7) Chloroethane-d5	2.873	69	94103	24.954	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	4.007	63	154931	22.456	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.840%
21) 2-Butanone-d5	7.080	46	66093	58.683	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.360%
24) Chloroform-d	7.641	84	215582	24.601	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	8.299	65	121962	25.068	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.280%
32) Benzene-d6	8.268	84	397812	22.775	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.080%
36) 1,2-Dichloropropane-d6	9.268	67	119829	23.235	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.920%
41) Toluene-d8	10.323	98	373521	22.878	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.520%
43) trans-1,3-Dichloroprop...	10.573	79	52884	23.411	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.640%
47) 2-Hexanone-d5	10.920	63	55897	58.679	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.360%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	128139	25.609	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.440%
66) 1,2-Dichlorobenzene-d4	13.853	152	145832	22.995	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	74896	29.394	ug/L	100
3) Chloromethane	2.209	50	115504	24.171	ug/L	97
5) Vinyl chloride	2.349	62	168638	25.351	ug/L	100
6) Bromomethane	2.763	94	91682	24.037	ug/L	91
8) Chloroethane	2.910	64	81613	28.008	ug/L	95
9) Trichlorofluoromethane	3.239	101	63123	20.017	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	108681	25.554	ug/L	97
12) 1,1-Dichloroethene	4.025	96	86533	24.853	ug/L	94
13) Acetone	4.123	43	39875	48.088	ug/L	66
14) Carbon disulfide	4.379	76	266578	23.926	ug/L	99
15) Methyl Acetate	4.665	43	49553	26.531	ug/L #	71
16) Methylene chloride	4.909	84	113026	22.130	ug/L	96
17) trans-1,2-Dichloroethene	5.415	96	97877	24.342	ug/L	97
18) Methyl tert-butyl Ether	5.421	73	150499	26.248	ug/L	99
19) 1,1-Dichloroethane	6.208	63	176626	24.937	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	114669	25.968	ug/L #	91
22) 2-Butanone	7.171	43	72517	51.899	ug/L	100
23) Bromochloromethane	7.513	128	58922	26.793	ug/L #	93
25) Chloroform	7.671	83	201990	25.880	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	140529	26.758	ug/L	98
29) Cyclohexane	7.951	56	143245	23.591	ug/L	97
30) 1,1,1-Trichloroethane	7.866	97	165280	24.746	ug/L	99
31) Carbon tetrachloride	8.061	117	155529	24.682	ug/L	99
33) Benzene	8.323	78	428634	24.504	ug/L	100
34) Trichloroethene	9.091	95	110317	23.860	ug/L	96
35) Methylcyclohexane	9.335	83	181435	25.024	ug/L	98
37) 1,2-Dichloropropane	9.366	63	105361	24.366	ug/L #	96
38) Bromodichloromethane	9.640	83	151678	25.009	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	162936	25.612	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	158888	55.365	ug/L	98
42) Toluene	10.384	91	475414	25.575	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	151597	26.080	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	91928	25.223	ug/L	92
46) Tetrachloroethene	10.859	164	91986	24.575	ug/L	93
48) 2-Hexanone	10.969	43	115871	59.494	ug/L	99
49) Dibromochloromethane	11.128	129	112693	25.684	ug/L	99
50) 1,2-Dibromoethane	11.231	107	92921	26.610	ug/L	97
51) Chlorobenzene	11.652	112	318613	25.087	ug/L	94
52) Ethylbenzene	11.731	91	521399	25.601	ug/L	99
53) m,p-Xylene	11.835	106	207860	26.220	ug/L	93
54) o-Xylene	12.164	106	196110	26.185	ug/L	95
55) Styrene	12.176	104	350359	26.897	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	121249	26.619	ug/L	97
59) Bromoform	12.347	173	68981	26.095	ug/L	99
60) Isopropylbenzene	12.463	105	531853	25.351	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	86966	25.215	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	451060	26.017	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	452130	26.480	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	265541	25.847	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	267395	24.580	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	247567	25.377	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	20315	25.210	ug/L	83
69) 1,3,5-Trichlorobenzene	14.627	180	177060	26.283	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	144183	26.726	ug/L	99
71) Naphthalene	15.359	128	310116	29.512	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	138687	28.237	ug/L	100

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

