

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081722\
 Data File : VW024264.D
 Acq On : 17 Aug 2022 09:53
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025538

Quant Time: Aug 18 00:59:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 17 01:00:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	274372	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	265931	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	152633	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	125456	21.875	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.520%
7) Chloroethane-d5	2.867	69	89381	25.018	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.080%
11) 1,1-Dichloroethene-d2	4.007	63	159782	24.446	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.800%
21) 2-Butanone-d5	7.080	46	52940	49.617	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.240%
24) Chloroform-d	7.641	84	212645	25.614	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.440%
26) 1,2-Dichloroethane-d4	8.299	65	110816	24.043	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.160%
32) Benzene-d6	8.269	84	388317	24.759	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.040%
36) 1,2-Dichloropropane-d6	9.268	67	116200	25.094	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.360%
41) Toluene-d8	10.317	98	360691	24.605	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	10.573	79	50711	25.003	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.000%
47) 2-Hexanone-d5	10.921	63	43025	50.303	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.600%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	107978	24.034	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.120%
66) 1,2-Dichlorobenzene-d4	13.847	152	137153	24.555	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	36655	15.185	ug/L	90
3) Chloromethane	2.209	50	101859	22.500	ug/L	96
5) Vinyl chloride	2.355	62	151990	24.118	ug/L	99
6) Bromomethane	2.763	94	109828	30.395	ug/L	91
8) Chloroethane	2.910	64	72445	26.243	ug/L	99
9) Trichlorofluoromethane	3.239	101	62534	20.933	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	101697	25.241	ug/L	98
12) 1,1-Dichloroethene	4.032	96	85345	25.874	ug/L	98
13) Acetone	4.135	43	35519	45.215	ug/L	64
14) Carbon disulfide	4.373	76	230619	21.849	ug/L	98
15) Methyl Acetate	4.666	43	42290	23.901	ug/L	99
16) Methylene chloride	4.903	84	107157	22.147	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	101173	26.560	ug/L	96
18) Methyl tert-butyl Ether	5.422	73	169409	31.188	ug/L	98
19) 1,1-Dichloroethane	6.208	63	184506	27.497	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	112220	26.825	ug/L #	96
22) 2-Butanone	7.171	43	57529	43.460	ug/L	99
23) Bromochloromethane	7.513	128	51901	24.912	ug/L	93
25) Chloroform	7.671	83	205512	27.794	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.391	62	130998	26.329	ug/L	99
29) Cyclohexane	7.952	56	144656	26.533	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	170478	28.427	ug/L	100
31) Carbon tetrachloride	8.067	117	149951	26.504	ug/L	98
33) Benzene	8.317	78	420755	26.789	ug/L	100
34) Trichloroethene	9.086	95	111923	26.960	ug/L	95
35) Methylcyclohexane	9.329	83	175668	26.984	ug/L	98
37) 1,2-Dichloropropane	9.366	63	105724	27.230	ug/L	100
38) Bromodichloromethane	9.640	83	149714	27.493	ug/L	95
39) cis-1,3-Dichloropropene	10.067	75	164381	28.778	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	129005	50.065	ug/L	99
42) Toluene	10.384	91	465209	27.873	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	148716	28.494	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	85178	26.029	ug/L	98
46) Tetrachloroethene	10.853	164	90591	26.954	ug/L	95
48) 2-Hexanone	10.963	43	89074	50.937	ug/L	98
49) Dibromochloromethane	11.128	129	107591	27.310	ug/L	98
50) 1,2-Dibromoethane	11.231	107	79243	25.274	ug/L	96
51) Chlorobenzene	11.652	112	309869	27.173	ug/L	94
52) Ethylbenzene	11.725	91	515591	28.195	ug/L	99
53) m,p-Xylene	11.835	106	202645	28.469	ug/L	97
54) o-Xylene	12.164	106	195272	29.038	ug/L	89
55) Styrene	12.176	104	343473	29.368	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.707	83	103275	25.252	ug/L	100
59) Bromoform	12.347	173	58801	25.257	ug/L	96
60) Isopropylbenzene	12.463	105	538163	29.126	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	73164	24.086	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	456965	29.927	ug/L	98
63) 1,2,4-Trimethylbenzene	13.243	105	458033	30.459	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	246448	27.238	ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	253578	26.467	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	223631	26.028	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.481	75	16101	22.687	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	178566	30.097	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	139745	29.412	ug/L	98
71) Naphthalene	15.359	128	267752	28.931	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	126487	29.241	ug/L	98

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

