

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082922\
 Data File : VW024474.D
 Acq On : 30 Aug 2022 03:29
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025555

Quant Time: Aug 30 06:29:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 30 00:24:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	335871	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	326389	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	174059	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	178937	19.327	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.320%
7) Chloroethane-d5	2.873	69	137912	19.881	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.520%
11) 1,1-Dichloroethene-d2	4.013	63	184418	22.967	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.880%
21) 2-Butanone-d5	7.074	46	93114	54.602	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.200%
24) Chloroform-d	7.647	84	271863	25.177	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.720%
26) 1,2-Dichloroethane-d4	8.299	65	159063	24.291	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.160%
32) Benzene-d6	8.268	84	473775	25.335	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.320%
36) 1,2-Dichloropropane-d6	9.274	67	152629	26.244	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.960%
41) Toluene-d8	10.323	98	427535	24.046	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	10.579	79	65216	23.962	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.840%
47) 2-Hexanone-d5	10.920	63	77297	59.393	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.780%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	171310	26.017	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	184158	28.096	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	53934	16.032	ug/L	93
3) Chloromethane	2.209	50	152779	24.308	ug/L	98
5) Vinyl chloride	2.349	62	248563	22.623	ug/L	99
6) Bromomethane	2.763	94	151495	19.644	ug/L	95
8) Chloroethane	2.910	64	123060	21.441	ug/L	96
9) Trichlorofluoromethane	3.239	101	86397	16.722	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	127343	25.697	ug/L	97
12) 1,1-Dichloroethene	4.031	96	111387	27.764	ug/L	100
13) Acetone	4.123	43	50723	49.841	ug/L	99
14) Carbon disulfide	4.379	76	326748	24.506	ug/L	98
15) Methyl Acetate	4.672	43	62658	25.168	ug/L	93
16) Methylene chloride	4.909	84	136608	24.251	ug/L	88
17) trans-1,2-Dichloroethene	5.415	96	129975	27.371	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	237490	30.544	ug/L	96
19) 1,1-Dichloroethane	6.208	63	232975	25.945	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	145312	27.827	ug/L	96
22) 2-Butanone	7.171	43	82380	45.371	ug/L	97
23) Bromochloromethane	7.512	128	67220	26.362	ug/L	92
25) Chloroform	7.671	83	260922	26.190	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	176718	24.368	ug/L	99
29) Cyclohexane	7.951	56	190896	27.129	ug/L	97
30) 1,1,1-Trichloroethane	7.866	97	200000	25.991	ug/L	96
31) Carbon tetrachloride	8.067	117	179900	25.555	ug/L	100
33) Benzene	8.323	78	556818	27.401	ug/L	100
34) Trichloroethene	9.091	95	140710	26.272	ug/L	95
35) Methylcyclohexane	9.329	83	234011	27.232	ug/L	96
37) 1,2-Dichloropropane	9.366	63	136641	26.055	ug/L #	97
38) Bromodichloromethane	9.640	83	189070	26.474	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	198553	27.085	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	194282	52.099	ug/L	96
42) Toluene	10.384	91	615819	27.460	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	178912	25.117	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	115883	27.098	ug/L	96
46) Tetrachloroethene	10.859	164	106417	25.584	ug/L	93
48) 2-Hexanone	10.969	43	137938	50.148	ug/L	95
49) Dibromochloromethane	11.128	129	137778	27.239	ug/L	98
50) 1,2-Dibromoethane	11.231	107	112101	27.266	ug/L	90
51) Chlorobenzene	11.658	112	402104	26.714	ug/L	99
52) Ethylbenzene	11.725	91	685439	27.645	ug/L	98
53) m,p-Xylene	11.835	106	268222	27.546	ug/L	97
54) o-Xylene	12.164	106	262637	28.853	ug/L	96
55) Styrene	12.176	104	460917	28.646	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	149928	25.117	ug/L	96
59) Bromoform	12.353	173	73373	26.268	ug/L	99
60) Isopropylbenzene	12.463	105	681103	29.462	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	108246	27.500	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	587009	31.490	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	584508	32.282	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	309803	28.028	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	310852	26.638	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	294000	28.376	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	24241	24.513	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	195674	27.428	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	162046	29.219	ug/L	97
71) Naphthalene	15.359	128	392353	32.213	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	150054	28.628	ug/L	97

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

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