

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092822\
 Data File : VW024648.D
 Acq On : 28 Sep 2022 09:02
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025576

Quant Time: Sep 29 04:37:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 28 01:30:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	613173	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	535696	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	260789	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	169543	26.428	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.720%
7) Chloroethane-d5	2.885	69	85896	23.041	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.160%
11) 1,1-Dichloroethene-d2	4.019	63	350531	23.607	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.440%
21) 2-Butanone-d5	7.079	46	102774	44.558	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.120%
24) Chloroform-d	7.646	84	380344	23.203	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	8.305	65	190927	22.452	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	8.274	84	783467	22.882	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.520%
36) 1,2-Dichloropropane-d6	9.268	67	237150	22.669	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.680%
41) Toluene-d8	10.323	98	709802	23.194	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.760%
43) trans-1,3-Dichloroprop...	10.573	79	101872	21.866	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.480%
47) 2-Hexanone-d5	10.920	63	79249	44.275	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.540%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	165574	22.213	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.840%
66) 1,2-Dichlorobenzene-d4	13.847	152	199492	21.739	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	95019	25.240	ug/L	93
3) Chloromethane	2.214	50	176908	24.132	ug/L	98
5) Vinyl chloride	2.361	62	234710	31.138	ug/L	99
6) Bromomethane	2.781	94	95199	27.366	ug/L	95
8) Chloroethane	2.922	64	83930	26.412	ug/L	99
9) Trichlorofluoromethane	3.257	101	81940	19.431	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	223941	27.844	ug/L #	76
12) 1,1-Dichloroethene	4.037	96	220906	27.539	ug/L	92
13) Acetone	4.123	43	111311	66.145	ug/L	96
14) Carbon disulfide	4.385	76	706266	27.891	ug/L	99
15) Methyl Acetate	4.671	43	96389	25.867	ug/L	99
16) Methylene chloride	4.915	84	257516	21.385	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	239458	26.569	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	347679	24.330	ug/L	100
19) 1,1-Dichloroethane	6.214	63	446140	26.458	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	253805	26.245	ug/L	95
22) 2-Butanone	7.171	43	148452	55.152	ug/L	100
23) Bromochloromethane	7.512	128	99678	25.361	ug/L	97
25) Chloroform	7.671	83	420674	26.309	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	257385	25.582	ug/L	99
29) Cyclohexane	7.951	56	448353	26.871	ug/L	100
30) 1,1,1-Trichloroethane	7.866	97	338410	26.106	ug/L	99
31) Carbon tetrachloride	8.061	117	296540	27.014	ug/L	100
33) Benzene	8.323	78	985290	26.279	ug/L	100
34) Trichloroethene	9.091	95	251729	26.489	ug/L	99
35) Methylcyclohexane	9.335	83	468635	26.901	ug/L	99
37) 1,2-Dichloropropane	9.366	63	240682	26.002	ug/L	100
38) Bromodichloromethane	9.640	83	297804	26.155	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	378977	25.891	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	274420	50.087	ug/L	98
42) Toluene	10.384	91	1018033	26.293	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	320057	25.504	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	161719	25.578	ug/L	98
46) Tetrachloroethene	10.859	164	167234	25.900	ug/L	91
48) 2-Hexanone	10.963	43	203008	54.795	ug/L	99
49) Dibromochloromethane	11.128	129	184108	25.860	ug/L	97
50) 1,2-Dibromoethane	11.231	107	151713	25.351	ug/L	100
51) Chlorobenzene	11.652	112	619748	26.142	ug/L	98
52) Ethylbenzene	11.725	91	1128082	26.451	ug/L	99
53) m,p-Xylene	11.835	106	447808	26.889	ug/L	98
54) o-Xylene	12.164	106	414690	26.369	ug/L	96
55) Styrene	12.176	104	690724	26.053	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	187107	25.275	ug/L	99
59) Bromoform	12.347	173	94596	25.661	ug/L	98
60) Isopropylbenzene	12.463	105	1122687	26.413	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	137956	24.558	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	969699	26.249	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	965961	26.691	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	441006	25.539	ug/L	90
65) 1,4-Dichlorobenzene	13.572	146	431571	25.674	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	376876	25.057	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	31730	23.885	ug/L	97
69) 1,3,5-Trichlorobenzene	14.621	180	302221	26.359	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	240178	24.935	ug/L	98
71) Naphthalene	15.358	128	521097	24.847	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	208327	25.413	ug/L	97

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

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