

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101122\
 Data File : VW024861.D
 Acq On : 11 Oct 2022 19:17
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025594

Quant Time: Oct 12 01:23:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 12 01:17:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	509871	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	469805	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	226143	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	135472	25.395	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.600%
7) Chloroethane-d5	2.885	69	82604	26.647	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.600%
11) 1,1-Dichloroethene-d2	4.026	63	306649	24.836	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.360%
21) 2-Butanone-d5	7.074	46	92701	48.334	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.660%
24) Chloroform-d	7.647	84	333967	24.501	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	8.305	65	173593	24.550	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	8.275	84	695935	23.176	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.720%
36) 1,2-Dichloropropane-d6	9.275	67	211638	23.067	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.280%
41) Toluene-d8	10.323	98	616815	22.983	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.920%
43) trans-1,3-Dichloroprop...	10.579	79	81473	19.941	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.760%
47) 2-Hexanone-d5	10.921	63	72095	45.927	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.860%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	162054	24.789	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	192192	24.152	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	38416	12.272	ug/L	92
3) Chloromethane	2.215	50	110948	18.200	ug/L	97
5) Vinyl chloride	2.361	62	170968	27.277	ug/L	100
6) Bromomethane	2.776	94	81435	28.152	ug/L	100
8) Chloroethane	2.922	64	73071	27.653	ug/L	100
9) Trichlorofluoromethane	3.257	101	90387	25.777	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	171475	25.640	ug/L #	78
12) 1,1-Dichloroethene	4.044	96	167097	25.052	ug/L	94
13) Acetone	4.123	43	63570	45.429	ug/L	98
14) Carbon disulfide	4.385	76	509583	24.201	ug/L	100
15) Methyl Acetate	4.666	43	82710	26.694	ug/L	98
16) Methylene chloride	4.916	84	202803	20.253	ug/L	100
17) trans-1,2-Dichloroethene	5.428	96	184084	24.563	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	302210	25.433	ug/L	100
19) 1,1-Dichloroethane	6.214	63	360803	25.733	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	207645	25.822	ug/L	94
22) 2-Butanone	7.171	43	110975	49.582	ug/L	100
23) Bromochloromethane	7.519	128	84585	25.881	ug/L	97
25) Chloroform	7.677	83	355950	26.771	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	226612	27.086	ug/L	100
29) Cyclohexane	7.958	56	311627	21.296	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	271202	23.856	ug/L	98
31) Carbon tetrachloride	8.067	117	227587	23.641	ug/L	99
33) Benzene	8.324	78	802066	24.392	ug/L	100
34) Trichloroethene	9.086	95	195970	23.514	ug/L	95
35) Methylcyclohexane	9.336	83	329419	21.562	ug/L	99
37) 1,2-Dichloropropane	9.366	63	207602	25.574	ug/L	99
38) Bromodichloromethane	9.646	83	259148	25.952	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	301316	23.472	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	252029	52.452	ug/L	99
42) Toluene	10.384	91	832928	24.529	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	249261	22.648	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	147214	26.550	ug/L	100
46) Tetrachloroethene	10.860	164	129105	22.799	ug/L	88
48) 2-Hexanone	10.969	43	169712	52.233	ug/L	97
49) Dibromochloromethane	11.128	129	165368	26.485	ug/L	97
50) 1,2-Dibromoethane	11.232	107	136855	26.076	ug/L	97
51) Chlorobenzene	11.658	112	529422	25.464	ug/L	99
52) Ethylbenzene	11.725	91	930943	24.890	ug/L	100
53) m,p-Xylene	11.835	106	352445	24.131	ug/L	97
54) o-Xylene	12.164	106	348190	25.245	ug/L	99
55) Styrene	12.177	104	606816	26.099	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	180547	27.809	ug/L	98
59) Bromoform	12.347	173	81936	25.632	ug/L	100
60) Isopropylbenzene	12.463	105	929263	25.212	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	129490	26.582	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	804978	25.128	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	799982	25.491	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	375795	25.097	ug/L	92
65) 1,4-Dichlorobenzene	13.573	146	372246	25.537	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	344272	26.396	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	27533	23.901	ug/L	95
69) 1,3,5-Trichlorobenzene	14.621	180	236352	23.772	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	204882	24.529	ug/L	99
71) Naphthalene	15.359	128	457103	25.134	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	170130	23.933	ug/L	97

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

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