

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082322\
 Data File : VW024315.D
 Acq On : 23 Aug 2022 20:42
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025545

Quant Time: Aug 24 01:54:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 24 01:06:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	236607	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	240110	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	134879	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.336	65	106658	21.566	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.280%
7) Chloroethane-d5	2.873	69	79078	25.667	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.680%
11) 1,1-Dichloroethene-d2	4.007	63	113915	20.211	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.840%
21) 2-Butanone-d5	7.079	46	64418	70.011	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.020%#
24) Chloroform-d	7.646	84	186173	26.005	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	8.305	65	105257	26.482	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.920%
32) Benzene-d6	8.268	84	332662	23.492	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.960%
36) 1,2-Dichloropropane-d6	9.274	67	106270	25.417	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.680%
41) Toluene-d8	10.323	98	303890	22.959	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.840%
43) trans-1,3-Dichloroprop...	10.579	79	45773	24.995	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.960%
47) 2-Hexanone-d5	10.926	63	50163	64.956	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.920%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	119160	29.375	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	124354	25.195	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	45279	21.752	ug/L	96
3) Chloromethane	2.202	50	90077	23.073	ug/L	97
5) Vinyl chloride	2.349	62	141591	26.054	ug/L	98
6) Bromomethane	2.763	94	82966	26.626	ug/L	99
8) Chloroethane	2.909	64	67181	28.221	ug/L	97
9) Trichlorofluoromethane	3.245	101	44437	17.249	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.043	101	71660	20.624	ug/L	93
12) 1,1-Dichloroethene	4.031	96	58174	20.451	ug/L	96
13) Acetone	4.123	43	31684	46.771	ug/L	63
14) Carbon disulfide	4.373	76	160225	17.603	ug/L	100
15) Methyl Acetate	4.671	43	40632	26.629	ug/L	97
16) Methylene chloride	4.909	84	96189	23.053	ug/L	90
17) trans-1,2-Dichloroethene	5.415	96	77435	23.573	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	147861	31.566	ug/L	99
19) 1,1-Dichloroethane	6.208	63	157003	27.133	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	93972	26.048	ug/L #	95
22) 2-Butanone	7.171	43	65774	57.620	ug/L	99
23) Bromochloromethane	7.506	128	44409	24.718	ug/L	90
25) Chloroform	7.671	83	176921	27.747	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	120404	28.063	ug/L	99
29) Cyclohexane	7.951	56	116999	23.768	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	133021	24.566	ug/L	98
31) Carbon tetrachloride	8.061	117	120403	23.570	ug/L	98
33) Benzene	8.323	78	370196	26.104	ug/L	100
34) Trichloroethene	9.091	95	90546	24.156	ug/L	94
35) Methylcyclohexane	9.335	83	140607	23.921	ug/L	98
37) 1,2-Dichloropropane	9.366	63	96377	27.492	ug/L	100
38) Bromodichloromethane	9.640	83	134609	27.377	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	140112	27.167	ug/L	93
40) 4-Methyl-2-pentanone	10.207	43	143891	61.847	ug/L	98
42) Toluene	10.384	91	402678	26.721	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	128228	27.210	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	79475	26.898	ug/L	95
46) Tetrachloroethene	10.859	164	67913	22.380	ug/L	93
48) 2-Hexanone	10.969	43	100978	63.954	ug/L	98
49) Dibromochloromethane	11.127	129	96020	26.994	ug/L	95
50) 1,2-Dibromoethane	11.231	107	74722	26.395	ug/L	99
51) Chlorobenzene	11.658	112	265028	25.740	ug/L	95
52) Ethylbenzene	11.731	91	454043	27.500	ug/L	98
53) m,p-Xylene	11.841	106	174784	27.196	ug/L	93
54) o-Xylene	12.164	106	165410	27.243	ug/L	97
55) Styrene	12.182	104	310102	29.366	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	108462	29.372	ug/L	99
59) Bromoform	12.347	173	55236	26.848	ug/L	99
60) Isopropylbenzene	12.463	105	461502	28.264	ug/L	98
61) 1,2,3-Trichloropropane	12.767	75	77743	28.963	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	384517	28.497	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	395871	29.790	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	213325	26.681	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	217537	25.694	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	197957	26.072	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	16955	27.035	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	139375	26.584	ug/L	92
70) 1,2,4-trichlorobenzene	15.127	180	110148	26.234	ug/L	98
71) Naphthalene	15.365	128	242743	29.682	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	99754	26.096	ug/L	95

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

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