

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060322\
 Data File : VW023385.D
 Acq On : 03 Jun 2022 08:35
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025560

Quant Time: Jun 03 23:31:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 02 21:56:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	396676	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	374198	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	207296	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	148235	25.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.080%
7) Chloroethane-d5	2.891	69	107590	26.455	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.840%
11) 1,1-Dichloroethene-d2	4.019	63	222314	24.656	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.640%
21) 2-Butanone-d5	7.079	46	58629	48.701	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.400%
24) Chloroform-d	7.646	84	270726	25.918	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.680%
26) 1,2-Dichloroethane-d4	8.305	65	142888	26.117	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.480%
32) Benzene-d6	8.274	84	520571	25.891	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.560%
36) 1,2-Dichloropropane-d6	9.274	67	150385	26.144	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.560%
41) Toluene-d8	10.323	98	513001	26.760	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.040%
43) trans-1,3-Dichloroprop...	10.579	79	65049	25.332	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.320%
47) 2-Hexanone-d5	10.926	63	44070	47.691	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.380%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	127346	25.100	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	184870	25.230	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	35915	22.616	ug/L	90
3) Chloromethane	2.220	50	120165	24.531	ug/L	100
5) Vinyl chloride	2.361	62	185148	24.281	ug/L	99
6) Bromomethane	2.781	94	84699	22.754	ug/L	95
8) Chloroethane	2.922	64	82965	23.799	ug/L	100
9) Trichlorofluoromethane	3.257	101	84171	23.369	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	120916	23.168	ug/L	95
12) 1,1-Dichloroethene	4.043	96	109265	24.035	ug/L	89
13) Acetone	4.123	43	34675	39.206	ug/L	98
14) Carbon disulfide	4.385	76	350003	23.049	ug/L	100
15) Methyl Acetate	4.671	43	41675	21.452	ug/L	97
16) Methylene chloride	4.921	84	117784	20.729	ug/L	97
17) trans-1,2-Dichloroethene	5.427	96	126348	23.823	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	180167	23.076	ug/L	100
19) 1,1-Dichloroethane	6.220	63	215242	23.959	ug/L	99
20) cis-1,2-Dichloroethene	7.177	96	130827	23.490	ug/L #	100
22) 2-Butanone	7.171	43	57705	43.888	ug/L	99
23) Bromochloromethane	7.518	128	60043	22.790	ug/L	91
25) Chloroform	7.677	83	230893	23.482	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	147907	23.363	ug/L	96
29) Cyclohexane	7.957	56	194134	24.290	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	205808	23.765	ug/L	99
31) Carbon tetrachloride	8.067	117	191334	23.492	ug/L	98
33) Benzene	8.323	78	510454	23.814	ug/L	100
34) Trichloroethene	9.091	95	136080	23.440	ug/L	97
35) Methylcyclohexane	9.335	83	238198	24.767	ug/L	97
37) 1,2-Dichloropropane	9.366	63	120850	23.931	ug/L	100
38) Bromodichloromethane	9.646	83	168554	23.580	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	189472	23.887	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	127444	44.541	ug/L	98
42) Toluene	10.390	91	590273	24.787	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	165047	23.254	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	94861	22.943	ug/L	99
46) Tetrachloroethene	10.859	164	111351	23.954	ug/L	86
48) 2-Hexanone	10.969	43	87574	45.781	ug/L	97
49) Dibromochloromethane	11.127	129	116662	22.994	ug/L	95
50) 1,2-Dibromoethane	11.237	107	93397	23.172	ug/L	88
51) Chlorobenzene	11.658	112	379144	24.113	ug/L	98
52) Ethylbenzene	11.731	91	649625	24.842	ug/L	99
53) m,p-Xylene	11.841	106	260896	25.194	ug/L	98
54) o-Xylene	12.164	106	249266	25.159	ug/L	99
55) Styrene	12.182	104	419935	24.871	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	112145	22.965	ug/L	99
59) Bromoform	12.347	173	61924	20.349	ug/L	99
60) Isopropylbenzene	12.463	105	678562	23.867	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	80211	21.526	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	562137	24.132	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	443483	24.523	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	293849	22.735	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	295024	22.329	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	274405	23.488	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.480	75	16205	19.525	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	197954	23.191	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	158828	23.419	ug/L	97
71) Naphthalene	15.358	128	295210	23.120	ug/L	100
72) 1,2,3-Trichlorobenzene	15.553	180	132935	22.645	ug/L	97

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

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