

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012623\
 Data File : VW025235.D
 Acq On : 26 Jan 2023 09:13
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025524

Quant Time: Jan 27 00:33:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 18 00:51:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	463460	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	405160	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	201540	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	109037	20.265	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.040%
7) Chloroethane-d5	2.885	69	77783	22.943	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.760%
11) 1,1-Dichloroethene-d2	4.019	63	271297	23.021	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.080%
21) 2-Butanone-d5	7.074	46	78818	57.799	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.600%
24) Chloroform-d	7.647	84	309291	26.627	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.520%
26) 1,2-Dichloroethane-d4	8.305	65	163252	27.284	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.120%
32) Benzene-d6	8.275	84	612342	25.169	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.680%
36) 1,2-Dichloropropane-d6	9.274	67	179892	25.277	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.120%
41) Toluene-d8	10.323	98	563694	25.458	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.840%
43) trans-1,3-Dichloroprop...	10.573	79	80108	26.287	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.160%
47) 2-Hexanone-d5	10.921	63	62923	56.109	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.220%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	141918	28.514	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.040%
66) 1,2-Dichlorobenzene-d4	13.853	152	172424	24.079	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	43480	16.540	ug/L	99
3) Chloromethane	2.215	50	87925	18.975	ug/L	99
5) Vinyl chloride	2.361	62	118020	19.969	ug/L	98
6) Bromomethane	2.776	94	61119	19.701	ug/L	100
8) Chloroethane	2.922	64	56527	20.520	ug/L	99
9) Trichlorofluoromethane	3.257	101	94998	23.206	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	124408	20.881	ug/L	96
12) 1,1-Dichloroethene	4.044	96	120751	21.015	ug/L	87
13) Acetone	4.117	43	81196	50.912	ug/L	96
14) Carbon disulfide	4.379	76	387995	20.379	ug/L	100
15) Methyl Acetate	4.666	43	49996	21.697	ug/L	98
16) Methylene chloride	4.909	84	126492	17.646	ug/L	99
17) trans-1,2-Dichloroethene	5.422	96	126927	20.623	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	185858	21.545	ug/L	98
19) 1,1-Dichloroethane	6.214	63	225745	20.851	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	135186	21.134	ug/L	97
22) 2-Butanone	7.165	43	88575	49.983	ug/L	99
23) Bromochloromethane	7.519	128	57641	21.588	ug/L	86
25) Chloroform	7.677	83	227394	21.362	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	149967	22.763	ug/L	99
29) Cyclohexane	7.952	56	215459	20.175	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	203598	22.626	ug/L	99
31) Carbon tetrachloride	8.067	117	188768	23.035	ug/L	97
33) Benzene	8.323	78	521733	21.302	ug/L	100
34) Trichloroethene	9.092	95	134955	21.128	ug/L	97
35) Methylcyclohexane	9.335	83	244435	21.089	ug/L	99
37) 1,2-Dichloropropane	9.366	63	122344	20.314	ug/L	99
38) Bromodichloromethane	9.640	83	167554	22.255	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	198094	21.562	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	139940	44.522	ug/L	99
42) Toluene	10.384	91	546814	21.226	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	171357	21.803	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	91805	21.975	ug/L	98
46) Tetrachloroethene	10.866	164	98979	21.091	ug/L	92
48) 2-Hexanone	10.963	43	118171	49.022	ug/L	99
49) Dibromochloromethane	11.128	129	109084	22.374	ug/L	96
50) 1,2-Dibromoethane	11.231	107	87763	22.207	ug/L #	95
51) Chlorobenzene	11.658	112	346580	21.540	ug/L	99
52) Ethylbenzene	11.725	91	610080	21.251	ug/L	98
53) m,p-Xylene	11.835	106	238661	21.511	ug/L	95
54) o-Xylene	12.164	106	221278	21.670	ug/L	99
55) Styrene	12.176	104	386780	22.289	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	107831	23.147	ug/L	100
59) Bromoform	12.347	173	56728	21.339	ug/L	99
60) Isopropylbenzene	12.463	105	615954	20.283	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	79784	21.220	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	533032	20.702	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	526145	20.716	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	264008	21.269	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	251508	20.446	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	225719	21.070	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	19393	23.028	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	182804	20.671	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	149696	19.933	ug/L	97
71) Naphthalene	15.359	128	294265	19.994	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	127434	19.783	ug/L	98

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

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