

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022124\
 Data File : VW028050.D
 Acq On : 21 Feb 2024 16:24
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025493

Quant Time: Feb 21 23:36:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 21 23:34:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	282325	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	258519	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	133179	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	54491	16.479	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.920%
7) Chloroethane-d5	2.899	69	48789	19.453	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.800%
11) 1,1-Dichloroethene-d2	4.027	65	25140	17.768	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.080%
21) 2-Butanone-d5	7.075	46	24565	47.812	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.620%
24) Chloroform-d	7.648	84	142664	21.611	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.440%
26) 1,2-Dichloroethane-d4	8.307	65	63867	21.421	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.680%
32) Benzene-d6	8.276	84	277858	20.089	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.360%
36) 1,2-Dichloropropane-d6	9.270	67	76156	20.307	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.240%
41) Toluene-d8	10.319	98	268638	20.299	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	10.575	79	32230	20.898	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.600%
47) 2-Hexanone-d5	10.922	63	24361	47.757	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.520%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	62523	22.306	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.240%
66) 1,2-Dichlorobenzene-d4	13.855	152	93683	20.696	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	46727	19.219	ug/L	100
3) Chloromethane	2.223	50	45532	17.053	ug/L	98
5) Vinyl chloride	2.375	62	68022	18.796	ug/L	98
6) Bromomethane	2.796	94	50800	19.866	ug/L	96
8) Chloroethane	2.936	64	43609	21.328	ug/L	92
9) Trichlorofluoromethane	3.271	101	65787	20.003	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	68131	20.552	ug/L	95
12) 1,1-Dichloroethene	4.045	96	63801	20.688	ug/L	90
13) Acetone	4.125	43	24636	49.311	ug/L	98
14) Carbon disulfide	4.393	76	165041	18.077	ug/L	99
15) Methyl Acetate	4.673	43	18338	22.048	ug/L	97
16) Methylene chloride	4.917	84	74377	21.077	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	69910	21.099	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	92837	23.635	ug/L #	90
19) 1,1-Dichloroethane	6.222	63	120259	22.342	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	78308	22.381	ug/L	98
22) 2-Butanone	7.167	43	28535	49.479	ug/L	99
23) Bromochloromethane	7.520	128	34791	22.386	ug/L	91
25) Chloroform	7.679	83	135709	23.453	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	76376	23.702	ug/L	99
29) Cyclohexane	7.959	56	93424	20.275	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	115749	23.194	ug/L	99
31) Carbon tetrachloride	8.069	117	104323	22.596	ug/L	97
33) Benzene	8.325	78	282470	21.876	ug/L	100
34) Trichloroethene	9.093	95	79908	21.558	ug/L	99
35) Methylcyclohexane	9.331	83	126746	20.779	ug/L	98
37) 1,2-Dichloropropane	9.368	63	67142	22.129	ug/L	99
38) Bromodichloromethane	9.642	83	97245	24.011	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	110715	22.766	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	54846	47.892	ug/L	98
42) Toluene	10.386	91	323684	22.358	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	88899	23.031	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	55396	23.066	ug/L	98
46) Tetrachloroethene	10.861	164	69091	22.152	ug/L	88
48) 2-Hexanone	10.965	43	41006	47.274	ug/L	99
49) Dibromochloromethane	11.123	129	62646	22.880	ug/L	95
50) 1,2-Dibromoethane	11.233	107	50755	22.641	ug/L	96
51) Chlorobenzene	11.654	112	214982	22.327	ug/L	100
52) Ethylbenzene	11.727	91	370457	22.696	ug/L	98
53) m,p-Xylene	11.831	106	145934	22.797	ug/L	92
54) o-Xylene	12.160	106	133098	22.169	ug/L	97
55) Styrene	12.178	104	233990	23.399	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	58758	22.847	ug/L	94
59) Bromoform	12.349	173	36174	23.013	ug/L	100
60) Isopropylbenzene	12.459	105	384155	23.102	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	41779	23.506	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	310759	23.353	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	317144	24.355	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	174984	22.907	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	180097	23.188	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	157228	23.303	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	8587	24.334	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	128968	23.512	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	99830	22.537	ug/L	100
71) Naphthalene	15.360	128	166140	24.137	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	92153	24.935	ug/L	95

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

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