

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051524\
 Data File : VW028598.D
 Acq On : 15 May 2024 09:22
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025578

Quant Time: May 16 02:13:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 09 00:53:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	293588	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	273837	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	134780	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	114413	20.522	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.080%
7) Chloroethane-d5	2.899	69	94456	22.127	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.520%
11) 1,1-Dichloroethene-d2	4.021	65	51102	21.939	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.760%
21) 2-Butanone-d5	7.075	46	62556	43.009	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.020%
24) Chloroform-d	7.648	84	230265	25.101	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	8.307	65	125310	23.860	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.440%
32) Benzene-d6	8.270	84	431803	23.634	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.520%
36) 1,2-Dichloropropane-d6	9.270	67	131385	23.898	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.600%
41) Toluene-d8	10.319	98	382042	23.612	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.440%
43) trans-1,3-Dichloroprop...	10.575	79	52786	23.867	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.480%
47) 2-Hexanone-d5	10.922	63	42348	44.661	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.320%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	105128	22.804	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	13.848	152	122547	23.856	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	99085	23.224	ug/L	100
3) Chloromethane	2.223	50	119634	22.634	ug/L	96
5) Vinyl chloride	2.375	62	137622	23.127	ug/L	99
6) Bromomethane	2.789	94	80387	23.352	ug/L	99
8) Chloroethane	2.936	64	81914	24.137	ug/L	100
9) Trichlorofluoromethane	3.271	101	113443	23.221	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	100701	22.357	ug/L	93
12) 1,1-Dichloroethene	4.045	96	96458	23.873	ug/L	95
13) Acetone	4.119	43	68182	51.529	ug/L	99
14) Carbon disulfide	4.393	76	314967	23.065	ug/L	99
15) Methyl Acetate	4.667	43	48401	21.025	ug/L	100
16) Methylene chloride	4.923	84	103438	22.781	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	101339	24.090	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	145431	23.427	ug/L	98
19) 1,1-Dichloroethane	6.216	63	206181	24.717	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	111996	25.439	ug/L	92
22) 2-Butanone	7.167	43	77860	45.844	ug/L	100
23) Bromochloromethane	7.514	128	46804	24.372	ug/L	93
25) Chloroform	7.679	83	201061	24.920	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	144959	24.716	ug/L	98
29) Cyclohexane	7.959	56	184383	23.615	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	170565	24.856	ug/L	99
31) Carbon tetrachloride	8.069	117	153808	24.583	ug/L	99
33) Benzene	8.325	78	437500	24.638	ug/L	100
34) Trichloroethene	9.093	95	114946	24.144	ug/L	97
35) Methylcyclohexane	9.337	83	202304	24.315	ug/L	99
37) 1,2-Dichloropropane	9.368	63	115807	25.028	ug/L	100
38) Bromodichloromethane	9.642	83	142789	25.316	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	172599	26.025	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	140318	44.557	ug/L	99
42) Toluene	10.386	91	456418	24.886	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	143594	25.680	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	80816	24.111	ug/L	98
46) Tetrachloroethene	10.861	164	80868	23.576	ug/L	97
48) 2-Hexanone	10.965	43	112494	50.598	ug/L	98
49) Dibromochloromethane	11.129	129	83608	24.868	ug/L	99
50) 1,2-Dibromoethane	11.233	107	74064	23.588	ug/L	97
51) Chlorobenzene	11.654	112	286825	25.283	ug/L	99
52) Ethylbenzene	11.727	91	533463	25.702	ug/L	96
53) m,p-Xylene	11.837	106	193917	25.488	ug/L	96
54) o-Xylene	12.160	106	184317	26.187	ug/L	100
55) Styrene	12.178	104	325598	27.301	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	94829	22.550	ug/L	95
59) Bromoform	12.349	173	45314	23.045	ug/L	99
60) Isopropylbenzene	12.458	105	523313	25.592	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	71313	21.894	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	385723	26.661	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	404308	25.937	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	216360	25.435	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	218630	25.139	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	191815	25.194	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	15636	20.531	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	142097	24.894	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	114773	24.885	ug/L	94
71) Naphthalene	15.360	128	227181	23.119	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	102204	24.558	ug/L	97

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

