

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101624\
 Data File : VW030625.D
 Acq On : 16 Oct 2024 20:50
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025524

Quant Time: Oct 17 01:57:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 17 01:53:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	242841	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	228151	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	119298	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	65629	17.193	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.760%
7) Chloroethane-d5	2.899	69	61549	21.302	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	4.021	65	27292	17.190	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.760%
21) 2-Butanone-d5	7.081	46	33860	49.292	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.580%
24) Chloroform-d	7.648	84	157190	22.634	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.520%
26) 1,2-Dichloroethane-d4	8.301	65	82147	22.747	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	8.270	84	275092	20.774	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.080%
36) 1,2-Dichloropropane-d6	9.270	67	84483	21.737	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.960%
41) Toluene-d8	10.325	98	254592	21.061	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.240%
43) trans-1,3-Dichloroprop...	10.575	79	33779	20.756	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.040%
47) 2-Hexanone-d5	10.922	63	26858	53.652	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.300%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74183	25.990	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.960%
66) 1,2-Dichlorobenzene-d4	13.849	152	85501	21.182	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	62866	20.262	ug/L	98
3) Chloromethane	2.223	50	87920	24.381	ug/L	99
5) Vinyl chloride	2.375	62	105129	23.707	ug/L	98
6) Bromomethane	2.790	94	74595	25.556	ug/L	96
8) Chloroethane	2.930	64	70909	26.157	ug/L	99
9) Trichlorofluoromethane	3.265	101	83393	21.017	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	79201	22.185	ug/L	100
12) 1,1-Dichloroethene	4.045	96	71063	21.811	ug/L	98
13) Acetone	4.125	43	30253	30.082	ug/L	94
14) Carbon disulfide	4.393	76	216655	20.363	ug/L	100
15) Methyl Acetate	4.673	43	34597	27.849	ug/L	98
16) Methylene chloride	4.917	84	84803	23.099	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	84316	23.983	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	123870	25.175	ug/L	99
19) 1,1-Dichloroethane	6.216	63	168451	25.780	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	94326	25.154	ug/L	98
22) 2-Butanone	7.173	43	44717	41.250	ug/L	99
23) Bromochloromethane	7.514	128	40846	24.899	ug/L	90
25) Chloroform	7.679	83	180565	25.859	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	117878	25.589	ug/L	99
29) Cyclohexane	7.959	56	124363	22.393	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	139845	23.090	ug/L	98
31) Carbon tetrachloride	8.069	117	126263	23.342	ug/L	98
33) Benzene	8.325	78	376120	25.333	ug/L	100
34) Trichloroethene	9.093	95	98099	23.750	ug/L	96
35) Methylcyclohexane	9.337	83	146580	22.549	ug/L	98
37) 1,2-Dichloropropane	9.368	63	99276	26.773	ug/L	99
38) Bromodichloromethane	9.642	83	127314	25.806	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	136638	24.429	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	100001	56.136	ug/L	97
42) Toluene	10.386	91	408719	25.804	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	116936	24.880	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	71536	26.693	ug/L	98
46) Tetrachloroethene	10.861	164	69955	22.962	ug/L	91
48) 2-Hexanone	10.965	43	69534	47.731	ug/L	98
49) Dibromochloromethane	11.129	129	74898	25.047	ug/L	94
50) 1,2-Dibromoethane	11.233	107	63975	25.583	ug/L	94
51) Chlorobenzene	11.654	112	252258	24.740	ug/L	95
52) Ethylbenzene	11.727	91	457837	25.331	ug/L	99
53) m,p-Xylene	11.837	106	170461	25.174	ug/L	95
54) o-Xylene	12.160	106	157684	25.189	ug/L	81
55) Styrene	12.178	104	289210	27.024	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	84930	28.102	ug/L	99
59) Bromoform	12.343	173	41794	24.935	ug/L	99
60) Isopropylbenzene	12.459	105	442728	23.964	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	59274	25.534	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	360033	24.702	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	362616	25.410	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	187027	23.257	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	198520	23.908	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	169021	23.885	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.483	75	12472	24.095	ug/L	84
69) 1,3,5-Trichlorobenzene	14.623	180	116636	21.995	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	99672	23.348	ug/L	99
71) Naphthalene	15.360	128	194227	26.334	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	93691	25.316	ug/L	96

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

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