

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112224\
 Data File : VW031093.D
 Acq On : 22 Nov 2024 09:22
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025574

Quant Time: Nov 22 22:05:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 22 00:06:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	413987	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	388338	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	196973	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	127955	25.353	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.400%
7) Chloroethane-d5	2.905	69	98751	24.791	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.160%
11) 1,1-Dichloroethene-d2	4.021	65	55729	22.348	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.400%
21) 2-Butanone-d5	7.081	46	55555	47.809	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.620%
24) Chloroform-d	7.648	84	261265	23.233	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.920%
26) 1,2-Dichloroethane-d4	8.307	65	129813	23.626	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.520%
32) Benzene-d6	8.276	84	508666	23.130	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.520%
36) 1,2-Dichloropropane-d6	9.270	67	145325	22.410	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.640%
41) Toluene-d8	10.319	98	462580	23.088	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.360%
43) trans-1,3-Dichloroprop...	10.575	79	63369	23.473	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.880%
47) 2-Hexanone-d5	10.922	63	44537	47.787	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.580%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	120561	24.410	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.640%
66) 1,2-Dichlorobenzene-d4	13.849	152	154678	22.469	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.880%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	118773	24.200	ug/L	92
3) Chloromethane	2.229	50	143723	23.820	ug/L	97
5) Vinyl chloride	2.375	62	173282	27.851	ug/L	100
6) Bromomethane	2.796	94	112476	25.890	ug/L	93
8) Chloroethane	2.936	64	103829	27.823	ug/L	97
9) Trichlorofluoromethane	3.277	101	194839	22.640	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	151740	26.060	ug/L	97
12) 1,1-Dichloroethene	4.045	96	140644	24.792	ug/L	97
13) Acetone	4.125	43	102367	59.348	ug/L	99
14) Carbon disulfide	4.393	76	477502	25.968	ug/L	100
15) Methyl Acetate	4.667	43	56713	25.331	ug/L	100
16) Methylene chloride	4.917	84	148500	25.057	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	150646	24.480	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	216745	24.442	ug/L	99
19) 1,1-Dichloroethane	6.222	63	265459	24.616	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	157398	24.242	ug/L	97
22) 2-Butanone	7.167	43	105722	56.679	ug/L	99
23) Bromochloromethane	7.514	128	72928	25.069	ug/L	99
25) Chloroform	7.673	83	277329	24.603	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	173472	25.823	ug/L	99
29) Cyclohexane	7.959	56	229634	25.281	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	234070	24.849	ug/L	99
31) Carbon tetrachloride	8.069	117	215535	25.163	ug/L	97
33) Benzene	8.325	78	619910	24.939	ug/L	100
34) Trichloroethene	9.093	95	164180	24.382	ug/L	97
35) Methylcyclohexane	9.331	83	284227	26.267	ug/L	100
37) 1,2-Dichloropropane	9.368	63	154798	24.977	ug/L	100
38) Bromodichloromethane	9.642	83	197409	25.308	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	231626	24.798	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	164140	56.287	ug/L	99
42) Toluene	10.386	91	661838	25.212	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	194309	25.761	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	117061	25.968	ug/L	96
46) Tetrachloroethene	10.855	164	129586	24.066	ug/L	93
48) 2-Hexanone	10.965	43	148361	64.348	ug/L	97
49) Dibromochloromethane	11.130	129	124172	24.768	ug/L	98
50) 1,2-Dibromoethane	11.233	107	108702	25.339	ug/L	94
51) Chlorobenzene	11.654	112	414464	24.142	ug/L	94
52) Ethylbenzene	11.727	91	746624	25.367	ug/L	99
53) m,p-Xylene	11.837	106	286320	25.488	ug/L	92
54) o-Xylene	12.160	106	265966	25.192	ug/L	98
55) Styrene	12.178	104	461087	25.663	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.709	83	134086	26.667	ug/L	98
59) Bromoform	12.349	173	73362	24.886	ug/L	94
60) Isopropylbenzene	12.459	105	742845	25.885	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	94951	26.333	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	603801	26.672	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	585276	26.211	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	318539	24.337	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	329984	24.230	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	293513	25.017	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	20830	26.430	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	227183	25.392	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	186524	26.068	ug/L	96
71) Naphthalene	15.360	128	325593	26.915	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	163612	25.691	ug/L	98

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

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