

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021224\
 Data File : VW027993.D
 Acq On : 12 Feb 2024 13:41
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025483

Quant Time: Feb 13 00:03:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 13 00:01:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	288217	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	264477	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	143417	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	69175	20.492	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.960%
7) Chloroethane-d5	2.899	69	63365	24.748	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	4.021	65	30033	20.793	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.160%
21) 2-Butanone-d5	7.088	46	33284	63.457	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.920%
24) Chloroform-d	7.648	84	164035	24.341	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.360%
26) 1,2-Dichloroethane-d4	8.301	65	79207	26.023	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.080%
32) Benzene-d6	8.270	84	330531	23.359	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.440%
36) 1,2-Dichloropropane-d6	9.270	67	91655	23.889	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.560%
41) Toluene-d8	10.319	98	320457	23.669	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.680%
43) trans-1,3-Dichloroprop...	10.575	79	40404	25.608	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.440%
47) 2-Hexanone-d5	10.922	63	33196	63.611	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.220%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	82343	28.715	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.880%
66) 1,2-Dichlorobenzene-d4	13.849	152	120674	24.756	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	50483	20.340	ug/L	94
3) Chloromethane	2.223	50	60232	22.097	ug/L	100
5) Vinyl chloride	2.375	62	78615	21.279	ug/L	98
6) Bromomethane	2.790	94	60447	23.156	ug/L	99
8) Chloroethane	2.936	64	52769	25.280	ug/L	96
9) Trichlorofluoromethane	3.271	101	68095	20.281	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	74982	22.156	ug/L	96
12) 1,1-Dichloroethene	4.052	96	71826	22.814	ug/L	87
13) Acetone	4.149	43	25456	49.911	ug/L	94
14) Carbon disulfide	4.393	76	188593	20.234	ug/L	98
15) Methyl Acetate	4.679	43	25467	29.994	ug/L	99
16) Methylene chloride	4.917	84	80243	22.275	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	78170	23.110	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	111575	27.825	ug/L	99
19) 1,1-Dichloroethane	6.216	63	135315	24.625	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	89231	24.982	ug/L	98
22) 2-Butanone	7.173	43	36224	61.527	ug/L	98
23) Bromochloromethane	7.514	128	42892	27.034	ug/L	88
25) Chloroform	7.673	83	150662	25.505	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	89355	27.163	ug/L	98
29) Cyclohexane	7.953	56	102031	21.644	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	119514	23.409	ug/L	99
31) Carbon tetrachloride	8.063	117	108929	23.062	ug/L	98
33) Benzene	8.325	78	316648	23.971	ug/L	100
34) Trichloroethene	9.087	95	86575	22.830	ug/L	96
35) Methylcyclohexane	9.331	83	136822	21.926	ug/L	98
37) 1,2-Dichloropropane	9.362	63	79271	25.537	ug/L	100
38) Bromodichloromethane	9.642	83	110102	26.573	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	128578	25.843	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	75351	64.314	ug/L	99
42) Toluene	10.386	91	362871	24.500	ug/L	98
44) trans-1,3-Dichloropropene	10.599	75	105689	26.764	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	67210	27.355	ug/L	95
46) Tetrachloroethene	10.855	164	73458	23.022	ug/L	94
48) 2-Hexanone	10.965	43	52271	58.903	ug/L	100
49) Dibromochloromethane	11.123	129	75443	26.934	ug/L	97
50) 1,2-Dibromoethane	11.233	107	63481	27.680	ug/L	96
51) Chlorobenzene	11.654	112	242729	24.641	ug/L	97
52) Ethylbenzene	11.727	91	396727	23.758	ug/L	98
53) m,p-Xylene	11.837	106	157815	24.098	ug/L	82
54) o-Xylene	12.160	106	152055	24.756	ug/L	98
55) Styrene	12.178	104	267023	26.101	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	79373	30.168	ug/L	100
59) Bromoform	12.343	173	47984	28.347	ug/L	99
60) Isopropylbenzene	12.459	105	417659	23.324	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	53528	27.966	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	348303	24.306	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	336509	23.998	ug/L	97
64) 1,3-Dichlorobenzene	13.489	146	198577	24.140	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	203890	24.378	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	175537	24.160	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	11585	30.486	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	142049	24.048	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	120631	25.289	ug/L	96
71) Naphthalene	15.360	128	216863	29.257	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	109897	27.614	ug/L	98

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

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