

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091024\
 Data File : EC.D
 Acq On : 10 Sep 2024 14:50
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025483

Quant Time: Sep 11 10:09:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 11 01:35:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	307676	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	282615	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	143070	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	26279	5.739	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	22.960%#
7) Chloroethane-d5	2.905	69	28960m	8.912	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	35.640%
11) 1,1-Dichloroethene-d2	4.015	65	11267	5.760	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	23.040%#
21) 2-Butanone-d5	7.093	46	41739	45.731	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.460%
24) Chloroform-d	7.648	84	138127	16.648	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	66.600%
26) 1,2-Dichloroethane-d4	8.307	65	68387	16.232	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	64.920%#
32) Benzene-d6	8.276	84	198233	11.883	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	47.520%
36) 1,2-Dichloropropane-d6	9.276	67	79065	16.177	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	64.720%#
41) Toluene-d8	10.325	98	163241	10.751	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	43.000%
43) trans-1,3-Dichloroprop...	10.575	79	32214	16.023	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.080%
47) 2-Hexanone-d5	10.922	63	33622	44.948	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.900%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	77922	21.654	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	91342	17.651	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	75934	21.458	ug/L	100
3) Chloromethane	2.222	50	67524	16.414	ug/L	98
5) Vinyl chloride	2.375	62	89262	18.358	ug/L	94
6) Bromomethane	2.795	94	55283	18.296	ug/L	95
8) Chloroethane	2.942	64	51735	18.464	ug/L	97
9) Trichlorofluoromethane	3.271	101	61357	14.572	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	76572	19.008	ug/L	93
12) 1,1-Dichloroethene	4.039	96	74650m	18.928	ug/L	
13) Acetone	4.131	43	40965	49.071	ug/L	95
14) Carbon disulfide	4.381	76	239292	19.559	ug/L	98
15) Methyl Acetate	4.679	43	37307	22.921	ug/L	97
16) Methylene chloride	4.917	84	99149	19.507	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	98198	22.514	ug/L	94
18) Methyl tert-butyl Ether	5.435	73	139507	20.915	ug/L	99
19) 1,1-Dichloroethane	6.216	63	192532	23.755	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	110291	22.879	ug/L	89
22) 2-Butanone	7.179	43	60270	50.453	ug/L	99
23) Bromochloromethane	7.520	128	47492	23.227	ug/L	95
25) Chloroform	7.679	83	196811	23.740	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	119230	22.468	ug/L	97
29) Cyclohexane	7.959	56	142301	20.853	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	159504	24.096	ug/L	97
31) Carbon tetrachloride	8.069	117	140798	23.675	ug/L	98
33) Benzene	8.325	78	422688	23.344	ug/L	100
34) Trichloroethene	9.093	95	113022	23.180	ug/L	93
35) Methylcyclohexane	9.337	83	168719	21.128	ug/L	96
37) 1,2-Dichloropropane	9.367	63	112882	24.619	ug/L	100
38) Bromodichloromethane	9.648	83	139255	24.070	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	161571	22.894	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	106932	46.850	ug/L	98
42) Toluene	10.386	91	461716	23.944	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	134626	23.574	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	78106	23.241	ug/L	95
46) Tetrachloroethene	10.861	164	87211	23.567	ug/L	97
48) 2-Hexanone	10.965	43	86418	53.259	ug/L	96
49) Dibromochloromethane	11.123	129	87260	24.437	ug/L	93
50) 1,2-Dibromoethane	11.233	107	71030	22.626	ug/L	96
51) Chlorobenzene	11.654	112	294841	23.913	ug/L	97
52) Ethylbenzene	11.727	91	535913	24.528	ug/L	95
53) m,p-Xylene	11.836	106	198190	24.307	ug/L	100
54) o-Xylene	12.166	106	190030	24.282	ug/L	100
55) Styrene	12.178	104	322286	24.579	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	89145	23.555	ug/L	97
59) Bromoform	12.349	173	50185	23.555	ug/L	93
60) Isopropylbenzene	12.458	105	550500	24.118	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	61975	21.304	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	446294	26.296	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	436707	24.412	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	237068	24.363	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	235676	23.975	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	204695	23.516	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	13627	21.884	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	167603	26.382	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	147423	26.812	ug/L	99
71) Naphthalene	15.354	128	254936	24.281	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	121314	25.136	ug/L	99

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

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