

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121624\
 Data File : VW031281.D
 Acq On : 16 Dec 2024 18:59
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025590

Quant Time: Dec 17 02:32:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 17 00:33:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	662484	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	570313	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	281804	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	209350	21.003	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.000%
7) Chloroethane-d5	2.899	69	164089	22.254	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	4.015	65	100099	21.171	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.680%
21) 2-Butanone-d5	7.094	46	102523	54.615	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.240%
24) Chloroform-d	7.648	84	419490	23.111	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.440%
26) 1,2-Dichloroethane-d4	8.301	65	225814	24.771	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.080%
32) Benzene-d6	8.276	84	818029	22.379	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.520%
36) 1,2-Dichloropropane-d6	9.270	67	236761	22.224	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.880%
41) Toluene-d8	10.319	98	754026	22.173	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.680%
43) trans-1,3-Dichloroprop...	10.575	79	114611	23.332	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.320%
47) 2-Hexanone-d5	10.922	63	83235	58.097	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.200%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	185179	27.684	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.720%
66) 1,2-Dichlorobenzene-d4	13.849	152	246030	23.517	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	149816	25.022	ug/L	99
3) Chloromethane	2.216	50	164901	24.516	ug/L	98
5) Vinyl chloride	2.369	62	230151	24.690	ug/L	100
6) Bromomethane	2.790	94	151120	26.370	ug/L	100
8) Chloroethane	2.930	64	143354	25.860	ug/L	100
9) Trichlorofluoromethane	3.265	101	229514	23.113	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	201587	25.140	ug/L	96
12) 1,1-Dichloroethene	4.045	96	202106	24.885	ug/L	90
13) Acetone	4.161	43	136808	52.331	ug/L #	100
14) Carbon disulfide	4.387	76	628551	23.731	ug/L	100
15) Methyl Acetate	4.692	43	94291	31.756	ug/L	99
16) Methylene chloride	4.917	84	210125	25.208	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	228127	26.059	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	420606	28.739	ug/L	99
19) 1,1-Dichloroethane	6.216	63	427958	26.160	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	250526	26.450	ug/L	99
22) 2-Butanone	7.185	43	166978	52.714	ug/L	99
23) Bromochloromethane	7.514	128	108368	28.688	ug/L	95
25) Chloroform	7.673	83	450909	27.928	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	295274	29.090	ug/L	99
29) Cyclohexane	7.953	56	366113	23.671	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	367079	24.902	ug/L	100
31) Carbon tetrachloride	8.063	117	332382	25.309	ug/L	100
33) Benzene	8.319	78	916529	26.005	ug/L	100
34) Trichloroethene	9.087	95	256553	25.784	ug/L	93
35) Methylcyclohexane	9.331	83	407773	23.532	ug/L	100
37) 1,2-Dichloropropane	9.368	63	233416	26.548	ug/L	99
38) Bromodichloromethane	9.642	83	309857	27.109	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	399968	26.921	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	284028	60.890	ug/L	100
42) Toluene	10.386	91	1008139	26.273	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	338462	27.900	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	175277	29.972	ug/L	97
46) Tetrachloroethene	10.861	164	182837	25.086	ug/L	92
48) 2-Hexanone	10.965	43	233915	58.962	ug/L	99
49) Dibromochloromethane	11.123	129	204122	29.446	ug/L	99
50) 1,2-Dibromoethane	11.233	107	164459	29.686	ug/L	95
51) Chlorobenzene	11.654	112	641855	26.679	ug/L	97
52) Ethylbenzene	11.727	91	1172174	26.358	ug/L	96
53) m,p-Xylene	11.837	106	444475	26.254	ug/L	99
54) o-Xylene	12.160	106	427043	26.764	ug/L	94
55) Styrene	12.178	104	721905	27.200	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	200353	31.781	ug/L	97
59) Bromoform	12.349	173	108599	27.432	ug/L	97
60) Isopropylbenzene	12.459	105	1177112	25.525	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	149013	30.902	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	975911	24.961	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	955465	25.284	ug/L	98
64) 1,3-Dichlorobenzene	13.489	146	499672	26.743	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	493736	26.670	ug/L	93
67) 1,2-Dichlorobenzene	13.861	146	435732	27.066	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	35866	29.309	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	325583	24.881	ug/L	100
70) 1,2,4-trichlorobenzene	15.123	180	294600	27.064	ug/L	94
71) Naphthalene	15.354	128	569531	29.843	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	240324	27.402	ug/L	96

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

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