

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102324\
 Data File : VW030736.D
 Acq On : 23 Oct 2024 20:04
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025534

Quant Time: Oct 24 01:41:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 24 01:34:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	279551	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	255418	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	130609	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	56545	12.868	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.480%
7) Chloroethane-d5	2.899	69	54613	16.419	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.680%
11) 1,1-Dichloroethene-d2	4.021	65	25108	13.738	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.960%
21) 2-Butanone-d5	7.081	46	38274	48.401	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.800%
24) Chloroform-d	7.648	84	153657	19.220	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.880%
26) 1,2-Dichloroethane-d4	8.306	65	79345	19.086	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.360%
32) Benzene-d6	8.276	84	259926	17.534	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.120%
36) 1,2-Dichloropropane-d6	9.276	67	84247	19.362	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.440%
41) Toluene-d8	10.318	98	237771	17.570	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.280%
43) trans-1,3-Dichloroprop...	10.574	79	33203	18.224	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.880%
47) 2-Hexanone-d5	10.922	63	28757	51.313	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.620%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	75424	23.604	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	83408	18.874	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	70949	19.865	ug/L	98
3) Chloromethane	2.222	50	90564	21.817	ug/L	98
5) Vinyl chloride	2.375	62	110916	21.727	ug/L	97
6) Bromomethane	2.789	94	78559	23.380	ug/L	100
8) Chloroethane	2.942	64	75309	24.132	ug/L	97
9) Trichlorofluoromethane	3.265	101	99247	21.728	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	84898	20.658	ug/L	93
12) 1,1-Dichloroethene	4.045	96	81284	21.672	ug/L	89
13) Acetone	4.118	43	39108	33.780	ug/L	96
14) Carbon disulfide	4.393	76	240876	19.667	ug/L	98
15) Methyl Acetate	4.673	43	39961	27.943	ug/L	99
16) Methylene chloride	4.917	84	97699	23.117	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	97121	23.998	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	157997	27.894	ug/L	99
19) 1,1-Dichloroethane	6.221	63	193081	25.669	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	110227	25.535	ug/L	98
22) 2-Butanone	7.166	43	51721	41.445	ug/L	99
23) Bromochloromethane	7.514	128	47442	25.122	ug/L	86
25) Chloroform	7.679	83	207186	25.775	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	134367	25.338	ug/L	99
29) Cyclohexane	7.959	56	144098	23.176	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	163019	24.043	ug/L	99
31) Carbon tetrachloride	8.069	117	141994	23.447	ug/L	99
33) Benzene	8.325	78	418900	25.202	ug/L	100
34) Trichloroethene	9.093	95	108929	23.556	ug/L	99
35) Methylcyclohexane	9.337	83	166481	22.876	ug/L	99
37) 1,2-Dichloropropane	9.367	63	109311	26.332	ug/L	100
38) Bromodichloromethane	9.648	83	147571	26.719	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	160678	25.661	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	117819	59.078	ug/L	99
42) Toluene	10.385	91	457538	25.802	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	134821	25.623	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	80068	26.687	ug/L	96
46) Tetrachloroethene	10.861	164	79945	23.440	ug/L	91
48) 2-Hexanone	10.965	43	80726	49.498	ug/L	98
49) Dibromochloromethane	11.129	129	89049	26.600	ug/L	99
50) 1,2-Dibromoethane	11.233	107	74069	26.457	ug/L	94
51) Chlorobenzene	11.653	112	287192	25.159	ug/L	98
52) Ethylbenzene	11.727	91	526402	26.016	ug/L	99
53) m,p-Xylene	11.836	106	194712	25.686	ug/L	100
54) o-Xylene	12.166	106	187037	26.688	ug/L	93
55) Styrene	12.178	104	323073	26.966	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	93524	27.642	ug/L	97
59) Bromoform	12.342	173	48965	26.684	ug/L	98
60) Isopropylbenzene	12.464	105	523462	25.880	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	68089	26.791	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	420378	26.344	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	402362	25.753	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	225529	25.616	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	225084	24.760	ug/L	99
67) 1,2-Dichlorobenzene	13.866	146	199269	25.721	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	14413	25.434	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.622	180	134634	23.190	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	110375	23.616	ug/L	97
71) Naphthalene	15.360	128	218526	27.063	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	98875	24.403	ug/L	96

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

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