

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080924\
 Data File : VW029884.D
 Acq On : 09 Aug 2024 19:07
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025574

Quant Time: Aug 09 23:19:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 09 23:13:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	234289	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	223956	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	110534	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	42710	12.841	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.360%
7) Chloroethane-d5	2.899	69	44670	18.811	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.240%
11) 1,1-Dichloroethene-d2	4.027	65	20811	13.707	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.840%
21) 2-Butanone-d5	7.081	46	37924	41.600	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.200%
24) Chloroform-d	7.648	84	138477	22.832	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.320%
26) 1,2-Dichloroethane-d4	8.307	65	76315	22.092	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.360%
32) Benzene-d6	8.270	84	231552	19.135	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.560%
36) 1,2-Dichloropropane-d6	9.276	67	76197	19.721	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.880%
41) Toluene-d8	10.318	98	214327	19.920	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.680%
43) trans-1,3-Dichloroprop...	10.574	79	31748	20.306	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.240%
47) 2-Hexanone-d5	10.922	63	28802	45.207	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	73329	25.559	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	76589	22.315	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	59937	18.979	ug/L	96
3) Chloromethane	2.222	50	81254	20.792	ug/L	99
5) Vinyl chloride	2.375	62	98109	22.406	ug/L	97
6) Bromomethane	2.789	94	69728	29.000	ug/L	97
8) Chloroethane	2.930	64	63711	25.577	ug/L	97
9) Trichlorofluoromethane	3.265	101	86121	24.623	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	80218	23.028	ug/L	96
12) 1,1-Dichloroethene	4.045	96	75703	23.652	ug/L	80
13) Acetone	4.137	43	31604	27.896	ug/L	96
14) Carbon disulfide	4.393	76	217644	20.433	ug/L	98
15) Methyl Acetate	4.673	43	38679	20.497	ug/L #	88
16) Methylene chloride	4.923	84	94990	19.394	ug/L	85
17) trans-1,2-Dichloroethene	5.429	96	87611	25.401	ug/L	88
18) Methyl tert-butyl Ether	5.429	73	158248	27.838	ug/L	98
19) 1,1-Dichloroethane	6.216	63	170201	23.397	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	100656	26.904	ug/L	88
22) 2-Butanone	7.173	43	48821	33.632	ug/L	85
23) Bromochloromethane	7.514	128	43885	27.630	ug/L #	78
25) Chloroform	7.673	83	186229	27.172	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	126881	25.403	ug/L	98
29) Cyclohexane	7.959	56	120542	18.940	ug/L	89
30) 1,1,1-Trichloroethane	7.874	97	139401	24.580	ug/L	96
31) Carbon tetrachloride	8.069	117	123765	24.218	ug/L	96
33) Benzene	8.325	78	376601	24.543	ug/L	100
34) Trichloroethene	9.093	95	98002	24.363	ug/L	98
35) Methylcyclohexane	9.337	83	145882	21.764	ug/L	93
37) 1,2-Dichloropropane	9.367	63	94742	22.530	ug/L	99
38) Bromodichloromethane	9.642	83	133051	26.570	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	144471	23.591	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	115775	43.345	ug/L #	91
42) Toluene	10.385	91	409016	26.113	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	123894	24.370	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	77722	27.512	ug/L	97
46) Tetrachloroethene	10.861	164	69406	23.739	ug/L	89
48) 2-Hexanone	10.965	43	79682	39.832	ug/L #	92
49) Dibromochloromethane	11.123	129	83390	28.435	ug/L	98
50) 1,2-Dibromoethane	11.233	107	72648	27.793	ug/L	95
51) Chlorobenzene	11.654	112	254721	26.145	ug/L	95
52) Ethylbenzene	11.727	91	457526	25.896	ug/L	97
53) m,p-Xylene	11.836	106	165343	25.446	ug/L	98
54) o-Xylene	12.160	106	164208	27.442	ug/L	99
55) Styrene	12.178	104	287329	27.702	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	94689	27.309	ug/L	100
59) Bromoform	12.349	173	44370	26.677	ug/L #	91
60) Isopropylbenzene	12.458	105	453008	26.485	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	66787	24.843	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	381361	29.997	ug/L	94
63) 1,2,4-Trimethylbenzene	13.245	105	368565	27.107	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	195360	26.770	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	207569	27.690	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	181231	27.278	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	14943	24.480	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	128777	25.792	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	110220	26.203	ug/L	99
71) Naphthalene	15.360	128	248901	31.011	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	103543	27.197	ug/L	99

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

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