

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
 Data File : VW030106.D
 Acq On : 29 Aug 2024 17:44
 Operator : SY/MD
 Sample : P3733-10MS
 Misc : 7.63g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A44A3MS

Quant Time: Aug 29 21:35:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 29 21:32:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	278134	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	278579	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	131223	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	54423	13.149	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.600%
7) Chloroethane-d5	2.893	69	52586	17.901	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	4.027	65	26595	15.039	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.160%
21) 2-Butanone-d5	7.081	46	45747	55.446	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.900%
24) Chloroform-d	7.648	84	156159	20.820	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.280%
26) 1,2-Dichloroethane-d4	8.301	65	92959	24.408	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.640%
32) Benzene-d6	8.276	84	291799	17.745	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.000%
36) 1,2-Dichloropropane-d6	9.270	67	99975	20.752	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.000%
41) Toluene-d8	10.319	98	260811	17.426	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.720%
43) trans-1,3-Dichloroprop...	10.575	79	36703	18.520	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.080%
47) 2-Hexanone-d5	10.922	63	38355	52.018	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	90938	25.637	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.560%
66) 1,2-Dichlorobenzene-d4	13.849	152	89711	18.901	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	25218	7.883	ug/L	92
3) Chloromethane	2.229	50	58845	15.824	ug/L	93
5) Vinyl chloride	2.375	62	48854	11.115	ug/L #	1
6) Bromomethane	2.790	94	39343	14.403	ug/L	97
8) Chloroethane	2.930	64	31823	12.564	ug/L #	83
9) Trichlorofluoromethane	3.265	101	38867	10.211	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	29964	8.228	ug/L	98
12) 1,1-Dichloroethene	4.045	96	40960	11.489	ug/L	89
13) Acetone	4.125	43	29168	38.651	ug/L	100
14) Carbon disulfide	4.393	76	162193	14.665	ug/L	98
15) Methyl Acetate	4.667	43	15808	10.744	ug/L	100
16) Methylene chloride	4.917	84	68794	14.973	ug/L	90
17) trans-1,2-Dichloroethene	5.429	96	52895	13.416	ug/L	90
18) Methyl tert-butyl Ether	5.429	73	103312	17.134	ug/L	97
19) 1,1-Dichloroethane	6.216	63	115654	15.785	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	62926	14.440	ug/L	94
22) 2-Butanone	7.173	43	42492	39.349	ug/L	96
23) Bromochloromethane	7.514	128	30781	16.653	ug/L	86
25) Chloroform	7.673	83	119077	15.889	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	89834	18.727	ug/L	96
29) Cyclohexane	7.959	56	52667	7.830	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	79852	12.238	ug/L	98
31) Carbon tetrachloride	8.069	117	66579	11.357	ug/L	98
33) Benzene	8.319	78	248776	13.938	ug/L	100
34) Trichloroethene	9.093	95	59190	12.316	ug/L	94
35) Methylcyclohexane	9.331	83	58991	7.494	ug/L	93
37) 1,2-Dichloropropane	9.368	63	73253	16.207	ug/L	99
38) Bromodichloromethane	9.642	83	91000	15.957	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	95622	13.745	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	103070	45.812	ug/L	93
42) Toluene	10.386	91	262987	13.836	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	85309	15.155	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	56430	17.034	ug/L	98
46) Tetrachloroethene	10.861	164	40595	11.129	ug/L	90
48) 2-Hexanone	10.965	43	73333	45.850	ug/L	91
49) Dibromochloromethane	11.123	129	59809	16.992	ug/L	97
50) 1,2-Dibromoethane	11.233	107	53014	17.132	ug/L	95
51) Chlorobenzene	11.654	112	166891	13.732	ug/L	97
52) Ethylbenzene	11.727	91	281875	13.088	ug/L	97
53) m,p-Xylene	11.837	106	103398	12.865	ug/L	99
54) o-Xylene	12.160	106	103133	13.369	ug/L	100
55) Styrene	12.178	104	151615	11.730	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	72874	19.535	ug/L	99
59) Bromoform	12.343	173	34960	17.890	ug/L	99
60) Isopropylbenzene	12.459	105	258778	12.361	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	53253	19.959	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	211171	13.566	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	212289	12.939	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	121496	13.613	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	121851	13.515	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	114844	14.385	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	12298	21.532	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.623	180	70725	12.138	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	61875	12.269	ug/L	98
71) Naphthalene	15.360	128	158441	16.453	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	59827	13.515	ug/L	94

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

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