

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
 Data File : VW030107.D
 Acq On : 29 Aug 2024 18:08
 Operator : SY/MD
 Sample : P3733-11MSD
 Misc : 10.90g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A44A3MSD

Quant Time: Aug 29 21:36:03 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	8.843	114	294233	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	286797	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	146825	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	66866	15.271	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.080%
7) Chloroethane-d5	2.899	69	61659	19.841	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.360%
11) 1,1-Dichloroethene-d2	4.021	65	33879	18.110	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.440%
21) 2-Butanone-d5	7.075	46	41578	47.636	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.280%
24) Chloroform-d	7.648	84	167856	21.155	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	8.301	65	92231	22.892	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.560%
32) Benzene-d6	8.276	84	322417	19.046	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.200%
36) 1,2-Dichloropropane-d6	9.270	67	105095	21.189	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.760%
41) Toluene-d8	10.325	98	294378	19.105	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.440%
43) trans-1,3-Dichloroprop...	10.575	79	37733	18.495	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.960%
47) 2-Hexanone-d5	10.922	63	34763	45.796	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	86830	23.778	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.120%
66) 1,2-Dichlorobenzene-d4	13.848	152	96791	18.226	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.920%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	45404	13.417	ug/L	100
3) Chloromethane	2.229	50	72009	18.304	ug/L	98
5) Vinyl chloride	2.375	62	59973	12.898	ug/L #	1
6) Bromomethane	2.796	94	44827	15.513	ug/L	99
8) Chloroethane	2.936	64	48449	18.082	ug/L	88
9) Trichlorofluoromethane	3.271	101	57342	14.241	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	47585	12.352	ug/L	92
12) 1,1-Dichloroethene	4.045	96	52792	13.997	ug/L	91
13) Acetone	4.125	43	24379	30.537	ug/L	99
14) Carbon disulfide	4.393	76	191610	16.377	ug/L	96
15) Methyl Acetate	4.667	43	9211	5.918	ug/L	96
16) Methylene chloride	4.917	84	73977	15.220	ug/L	86
17) trans-1,2-Dichloroethene	5.423	96	62919	15.085	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	107220	16.809	ug/L	98
19) 1,1-Dichloroethane	6.216	63	130433	16.828	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	71047	15.411	ug/L	95
22) 2-Butanone	7.167	43	38537	33.734	ug/L	93
23) Bromochloromethane	7.514	128	32401	16.570	ug/L	95
25) Chloroform	7.679	83	128481	16.206	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	89398	17.616	ug/L	98
29) Cyclohexane	7.959	56	82428	11.903	ug/L	96
30) 1,1,1-Trichloroethane	7.868	97	96284	14.333	ug/L	99
31) Carbon tetrachloride	8.069	117	82049	13.595	ug/L	100
33) Benzene	8.325	78	282918	15.397	ug/L	100
34) Trichloroethene	9.087	95	69460	14.038	ug/L	96
35) Methylcyclohexane	9.337	83	92254	11.384	ug/L	94
37) 1,2-Dichloropropane	9.368	63	79747	17.138	ug/L	99
38) Bromodichloromethane	9.642	83	95546	16.274	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	103436	14.443	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	95271	41.132	ug/L	93
42) Toluene	10.386	91	297239	15.190	ug/L	97
44) trans-1,3-Dichloropropene	10.599	75	86016	14.842	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	55308	16.217	ug/L	97
46) Tetrachloroethene	10.861	164	47248	12.581	ug/L	90
48) 2-Hexanone	10.965	43	67465	40.972	ug/L	94
49) Dibromochloromethane	11.129	129	60276	16.634	ug/L	96
50) 1,2-Dibromoethane	11.233	107	52161	16.373	ug/L #	90
51) Chlorobenzene	11.654	112	177795	14.210	ug/L	94
52) Ethylbenzene	11.727	91	325348	14.674	ug/L	98
53) m,p-Xylene	11.837	106	120509	14.564	ug/L	95
54) o-Xylene	12.166	106	117213	14.759	ug/L	97
55) Styrene	12.178	104	180952	13.599	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	70048	18.239	ug/L	99
59) Bromoform	12.343	173	34870	15.948	ug/L #	95
60) Isopropylbenzene	12.458	105	311374	13.293	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	49147	16.463	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	251705	14.452	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	253764	13.823	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	136861	13.705	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	147790	14.650	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	132871	14.874	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	11343	17.750	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	85579	13.126	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	75865	13.445	ug/L	98
71) Naphthalene	15.360	128	169189	15.702	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	67699	13.668	ug/L	97

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

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