

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102324\
 Data File : VW030735.D
 Acq On : 23 Oct 2024 19:40
 Operator : SY/MD
 Sample : P4436-18MSD
 Misc : 5.96g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4F40MSD

Quant Time: Oct 24 01:40:44 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	410095	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	299885	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	95988	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	70751	10.976	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	43.920%
7) Chloroethane-d5	2.899	69	77563	15.896	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.600%
11) 1,1-Dichloroethene-d2	4.021	65	31002	11.563	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.240%
21) 2-Butanone-d5	7.075	46	52648	45.384	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.760%
24) Chloroform-d	7.654	84	248518	21.190	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.760%
26) 1,2-Dichloroethane-d4	8.307	65	122119	20.024	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.080%
32) Benzene-d6	8.276	84	351902	20.218	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.880%
36) 1,2-Dichloropropane-d6	9.270	67	130158	25.478	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.920%
41) Toluene-d8	10.325	98	258503	16.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.080%
43) trans-1,3-Dichloroprop...	10.575	79	44381	20.747	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.000%
47) 2-Hexanone-d5	10.922	63	38843	59.033	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	97155	25.896	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	69654	21.446	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	75952	14.496	ug/L	96
3) Chloromethane	2.222	50	92344	15.164	ug/L	98
5) Vinyl chloride	2.375	62	117105	15.637	ug/L	97
6) Bromomethane	2.789	94	79684	16.166	ug/L	87
8) Chloroethane	2.936	64	78089	17.058	ug/L	98
9) Trichlorofluoromethane	3.265	101	111882	16.697	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	88929	14.751	ug/L #	76
12) 1,1-Dichloroethene	4.039	96	87065	15.824	ug/L	96
13) Acetone	4.118	43	27426	16.149	ug/L	96
14) Carbon disulfide	4.387	76	184742	10.282	ug/L	98
15) Methyl Acetate	4.673	43	30862	14.711	ug/L	95
16) Methylene chloride	4.917	84	101902	16.436	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	91848	15.470	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	158018	19.017	ug/L	99
19) 1,1-Dichloroethane	6.222	63	197909	17.936	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	108027	17.059	ug/L	99
22) 2-Butanone	7.167	43	43308	23.657	ug/L	97
23) Bromochloromethane	7.508	128	45078	16.272	ug/L	95
25) Chloroform	7.673	83	207524	17.599	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	128915	16.571	ug/L	98
29) Cyclohexane	7.959	56	130690	17.903	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	162822	20.453	ug/L	98
31) Carbon tetrachloride	8.069	117	132684	18.661	ug/L	100
33) Benzene	8.325	78	404487	20.727	ug/L	100
34) Trichloroethene	9.093	95	98214	18.090	ug/L	97
35) Methylcyclohexane	9.337	83	128034	14.985	ug/L	99
37) 1,2-Dichloropropane	9.368	63	106704	21.892	ug/L	100
38) Bromodichloromethane	9.642	83	137293	21.172	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	144076	19.597	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	96241	41.102	ug/L	98
42) Toluene	10.386	91	390914	18.776	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	114345	18.509	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	70743	20.083	ug/L	97
46) Tetrachloroethene	10.861	164	57455	14.348	ug/L	96
48) 2-Hexanone	10.965	43	64078	33.464	ug/L	96
49) Dibromochloromethane	11.129	129	74340	18.914	ug/L	93
50) 1,2-Dibromoethane	11.233	107	58473	17.789	ug/L	98
51) Chlorobenzene	11.654	112	219421	16.372	ug/L	98
52) Ethylbenzene	11.727	91	362260	15.249	ug/L	99
53) m,p-Xylene	11.837	106	130546	14.668	ug/L	94
54) o-Xylene	12.166	106	126650	15.392	ug/L	94
55) Styrene	12.178	104	202812	14.418	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	69006	17.371	ug/L	99
59) Bromoform	12.349	173	34199	25.359	ug/L	99
60) Isopropylbenzene	12.458	105	305234	20.534	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	51855	27.762	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	207673	17.708	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	212123	18.474	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	110557	17.087	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	112823	16.887	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	97533	17.130	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	9594	23.036	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	47905	11.228	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	32753	9.535	ug/L	97
71) Naphthalene	15.360	128	73652	12.411	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	26266	8.821	ug/L	98

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

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