

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102424\
 Data File : VW030755.D
 Acq On : 24 Oct 2024 19:30
 Operator : SY/MD
 Sample : P4493-03MSD
 Misc : 5.78g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4F31MSD

Quant Time: Oct 25 01:47:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 25 01:42:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	454042	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	353698	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	129822	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	78353	10.979	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	43.920%
7) Chloroethane-d5	2.899	69	89198	16.511	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.040%
11) 1,1-Dichloroethene-d2	4.021	65	35712	12.031	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.120%
21) 2-Butanone-d5	7.075	46	61765	48.090	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.180%
24) Chloroform-d	7.648	84	283809	21.857	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.440%
26) 1,2-Dichloroethane-d4	8.307	65	141634	20.976	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.920%
32) Benzene-d6	8.276	84	412931	20.115	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.440%
36) 1,2-Dichloropropane-d6	9.276	67	150124	24.915	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.680%
41) Toluene-d8	10.325	98	309312	16.505	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.040%
43) trans-1,3-Dichloroprop...	10.575	79	53309	21.129	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.520%
47) 2-Hexanone-d5	10.922	63	49502	63.786	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.580%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	120489	27.229	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	97659	22.232	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	73366	12.647	ug/L	97
3) Chloromethane	2.222	50	85531	12.686	ug/L	100
5) Vinyl chloride	2.375	62	110863	13.371	ug/L	99
6) Bromomethane	2.789	94	75031	13.749	ug/L	92
8) Chloroethane	2.936	64	75786	14.952	ug/L	99
9) Trichlorofluoromethane	3.265	101	105934	14.279	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	93409	13.994	ug/L	98
12) 1,1-Dichloroethene	4.051	96	85887	14.099	ug/L	83
13) Acetone	4.118	43	27347	14.544	ug/L	95
14) Carbon disulfide	4.393	76	191876	9.646	ug/L	100
15) Methyl Acetate	4.667	43	28636	12.329	ug/L	96
16) Methylene chloride	4.917	84	99591	14.509	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	91311	13.891	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	158538	17.233	ug/L	99
19) 1,1-Dichloroethane	6.222	63	194622	15.931	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	106730	15.223	ug/L	88
22) 2-Butanone	7.167	43	42244	20.842	ug/L	99
23) Bromochloromethane	7.514	128	45333	14.780	ug/L	96
25) Chloroform	7.679	83	203192	15.564	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	122750	14.252	ug/L	100
29) Cyclohexane	7.959	56	124666	14.480	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	164037	17.471	ug/L	99
31) Carbon tetrachloride	8.069	117	135151	16.116	ug/L	98
33) Benzene	8.325	78	402762	17.498	ug/L	100
34) Trichloroethene	9.093	95	98367	15.361	ug/L	95
35) Methylcyclohexane	9.337	83	125691	12.472	ug/L	99
37) 1,2-Dichloropropane	9.367	63	104158	18.119	ug/L	100
38) Bromodichloromethane	9.642	83	131673	17.216	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	146347	16.878	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	95699	34.652	ug/L	99
42) Toluene	10.386	91	396667	16.154	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	119151	16.352	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	68590	16.509	ug/L	98
46) Tetrachloroethene	10.861	164	58237	12.331	ug/L	98
48) 2-Hexanone	10.965	43	68850	30.485	ug/L	97
49) Dibromochloromethane	11.129	129	72430	15.624	ug/L	91
50) 1,2-Dibromoethane	11.239	107	62608	16.150	ug/L	99
51) Chlorobenzene	11.654	112	227615	14.399	ug/L	97
52) Ethylbenzene	11.727	91	371067	13.243	ug/L	99
53) m,p-Xylene	11.837	106	136120	12.967	ug/L	93
54) o-Xylene	12.160	106	134287	13.837	ug/L	92
55) Styrene	12.178	104	223879	13.494	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	72183	15.407	ug/L	95
59) Bromoform	12.349	173	36080	19.781	ug/L	95
60) Isopropylbenzene	12.458	105	312803	15.559	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	51954	20.566	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	233123	14.698	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	233020	15.005	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	125181	14.305	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	129786	14.363	ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	112774	14.645	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	9656	17.143	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	53080	9.198	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	39751	8.557	ug/L	96
71) Naphthalene	15.360	128	98253	12.242	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	33550	8.330	ug/L	99

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

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