

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031424\
 Data File : VW028185.D
 Acq On : 14 Mar 2024 17:51
 Operator : SY/MD
 Sample : P1742-21MSD
 Misc : 4.65g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 15 01:59:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 15 01:46:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	197982	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	176441	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	75747	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	65919	28.457	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 113.840%	
7) Chloroethane-d5	2.899	69	47039	29.065	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 116.280%	
11) 1,1-Dichloroethene-d2	4.027	65	41366	28.160	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 112.640%#	
21) 2-Butanone-d5	7.075	46	47911	70.125	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 140.240%#	
24) Chloroform-d	7.648	84	176311	30.201	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 120.800%	
26) 1,2-Dichloroethane-d4	8.307	65	102818	31.959	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 127.840%	
32) Benzene-d6	8.276	84	338397	31.413	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 125.640%	
36) 1,2-Dichloropropane-d6	9.276	67	98412	31.745	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 127.000%#	
41) Toluene-d8	10.318	98	307362	30.934	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 123.720%	
43) trans-1,3-Dichloroprop...	10.575	79	45364	32.219	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 128.880%	
47) 2-Hexanone-d5	10.922	63	39366	76.823	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 153.640%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74890	32.703	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 130.800%#	
66) 1,2-Dichlorobenzene-d4	13.848	152	82940	30.058	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 120.240%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	71150m	24.774	ug/L	
3) Chloromethane	2.222	50	49222	24.164	ug/L	99
5) Vinyl chloride	2.369	62	54686	23.750	ug/L	93
6) Bromomethane	2.795	94	33376	24.339	ug/L	97
8) Chloroethane	2.936	64	29448	23.794	ug/L	99
9) Trichlorofluoromethane	3.271	101	78954	28.361	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	64951m	23.485	ug/L	
12) 1,1-Dichloroethene	4.045	96	61539	24.071	ug/L	99
13) Acetone	4.118	43	47845	63.070	ug/L	99
14) Carbon disulfide	4.387	76	188083	23.587	ug/L	98
15) Methyl Acetate	4.673	43	30983	26.515	ug/L	99
16) Methylene chloride	4.923	84	64105	21.274	ug/L	93
17) trans-1,2-Dichloroethene	5.435	96	63637	23.422	ug/L	92
18) Methyl tert-butyl Ether	5.423	73	115551	28.189	ug/L #	91
19) 1,1-Dichloroethane	6.222	63	126897	24.125	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	71265	24.287	ug/L	96
22) 2-Butanone	7.167	43	50596	58.744	ug/L	99
23) Bromochloromethane	7.520	128	31371	24.183	ug/L	93
25) Chloroform	7.679	83	132723	24.510	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	96236	25.166	ug/L	96
29) Cyclohexane	7.959	56	106056	23.045	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	117181	25.336	ug/L	99
31) Carbon tetrachloride	8.069	117	103058	23.755	ug/L	100
33) Benzene	8.325	78	269796	24.849	ug/L	100
34) Trichloroethene	9.093	95	74023	24.437	ug/L	96
35) Methylcyclohexane	9.331	83	95769	18.704	ug/L	99
37) 1,2-Dichloropropane	9.367	63	69582	25.056	ug/L	99
38) Bromodichloromethane	9.642	83	95753	25.574	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	116243	26.137	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	91797	59.884	ug/L	100
42) Toluene	10.386	91	288531	24.349	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	100201	26.685	ug/L	94
45) 1,1,2-Trichloroethane	10.788	97	51408	25.621	ug/L	99
46) Tetrachloroethene	10.861	164	222746	91.225	ug/L	99
48) 2-Hexanone	10.965	43	73990	61.618	ug/L	97
49) Dibromochloromethane	11.123	129	61078	25.703	ug/L	96
50) 1,2-Dibromoethane	11.233	107	49304	25.698	ug/L	95
51) Chlorobenzene	11.654	112	176351	23.447	ug/L	98
52) Ethylbenzene	11.727	91	319397	23.090	ug/L	99
53) m,p-Xylene	11.836	106	118917	22.845	ug/L	94
54) o-Xylene	12.160	106	112859	23.380	ug/L	89
55) Styrene	12.178	104	193487	23.335	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	58698	25.576	ug/L	94
59) Bromoform	12.349	173	36185	31.880	ug/L	95
60) Isopropylbenzene	12.458	105	307668	27.338	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	45882	31.738	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	186395	24.684	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	229197	25.137	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	114881	22.881	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	118521	23.607	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	101345	23.439	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	9872	29.070	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	54223	15.504	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	40666	13.687	ug/L	96
71) Naphthalene	15.360	128	103306	20.258	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	31897	13.023	ug/L	100

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

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