

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021122\
 Data File : VW024631.D
 Acq On : 12 Feb 2022 02:51
 Operator : SY/MD
 Sample : N1480-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBCW9MS

Quant Time: Feb 12 07:11:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 12 07:08:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	115065	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	118509	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	61991	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	36038	3.736	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.571	69	35760	4.386	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.114	63	89942	4.263	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	3.892	46	92210	57.589	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.180%
24) Chloroform-d	4.352	84	82699	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.037	65	38422	4.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.053	84	153367	4.561	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.072	67	48150	4.604	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.316	98	139590	4.451	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	7.622	79	17406	4.121	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.088	63	78126	52.506	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.020%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32378	5.200	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	46719	4.675	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	75845	5.016	ug/L	100
3) Chloromethane	1.243	50	74629	5.016	ug/L	98
5) Vinyl chloride	1.314	62	81281	5.073	ug/L	99
6) Bromomethane	1.526	94	48562	4.924	ug/L	99
8) Chloroethane	1.587	64	54789	5.583	ug/L	95
9) Trichlorofluoromethane	1.757	101	114571	5.291	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	58597	4.854	ug/L #	86
12) 1,1-Dichloroethene	2.121	96	60703	5.095	ug/L	95
13) Acetone	2.182	43	69362	54.893	ug/L	73
14) Carbon disulfide	2.297	76	177647	4.692	ug/L	100
15) Methyl Acetate	2.442	43	16157	4.471	ug/L	99
16) Methylene chloride	2.510	84	57492	4.871	ug/L	92
17) Methyl tert-butyl Ether	2.770	73	125471	5.111	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	58505	4.999	ug/L	94
19) 1,1-Dichloroethane	3.191	63	110007	5.442	ug/L	98
21) 2-Butanone	3.973	43	113694	54.291	ug/L	88
22) cis-1,2-Dichloroethene	3.915	96	63142	5.351	ug/L	86
23) Bromochloromethane	4.252	128	24084	5.374	ug/L #	81
25) Chloroform	4.378	83	111307	5.261	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	63459	5.470	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	101678	5.230	ug/L	96
30) Cyclohexane	4.677	56	99750	4.980	ug/L	96
31) Carbon tetrachloride	4.831	117	83242	5.056	ug/L	98
33) Benzene	5.101	78	248978	5.383	ug/L	100
34) Trichloroethene	5.915	95	64711	5.081	ug/L	88
35) Methylcyclohexane	6.130	83	99915	4.742	ug/L	97
37) 1,2-Dichloropropane	6.172	63	60267	5.376	ug/L	97
38) Bromodichloromethane	6.509	83	75750	5.084	ug/L #	99
39) cis-1,3-Dichloropropene	7.027	75	85413	5.000	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	308010	53.241	ug/L	99
42) Toluene	7.387	91	268160	5.322	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	68645	4.864	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	39305	5.410	ug/L	99
47) Tetrachloroethene	7.976	164	40880	4.838	ug/L	90
48) 2-Hexanone	8.136	43	218020	55.053	ug/L	97
49) Dibromochloromethane	8.246	129	44383	5.059	ug/L	96
50) 1,2-Dibromoethane	8.352	107	36020	5.283	ug/L #	98
51) Chlorobenzene	8.879	112	162853	5.274	ug/L	93
52) Ethylbenzene	9.011	91	289577	5.165	ug/L	98
53) m,p-xylene	9.136	106	114044	5.371	ug/L	100
54) o-xylene	9.541	106	107613	5.256	ug/L	93
55) Styrene	9.558	104	177075	5.268	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	41591	5.652	ug/L	97
59) Bromoform	9.728	173	19316	4.877	ug/L	97
60) Isopropylbenzene	9.931	105	283501	5.042	ug/L	97
61) 1,2,3-Trichloropropane	10.271	75	32120	5.256	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	237451	4.932	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	240235	5.019	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	116077	5.072	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	113395	4.989	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	103676	5.103	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	6288	5.297	ug/L #	71
69) 1,3,5-Trichlorobenzene	12.644	180	75789	4.655	ug/L	97
70) 1,2,4-trichlorobenzene	13.258	180	62415	4.747	ug/L	97
71) Naphthalene	13.500	128	116448	4.890	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	53680	4.854	ug/L	98

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

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