

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072122\
 Data File : VW026874.D
 Acq On : 21 Jul 2022 14:59
 Operator : SY/MD
 Sample : N3809-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YBE68MS

Quant Time: Jul 22 05:56:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 22 05:53:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	212417	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	218018	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	120963	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	60888	3.142	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.800%
7) Chloroethane-d5	1.565	69	64004	3.823	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.400%
11) 1,1-Dichloroethene-d2	2.105	63	131849	3.544	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.800%
20) 2-Butanone-d5	3.886	46	202759	67.039	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.080%#
24) Chloroform-d	4.346	84	171619	5.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.031	65	76530	5.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.047	84	282953	4.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.069	67	95774	4.822	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.313	98	242302	4.120	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	7.622	79	30339	4.668	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.088	63	170158	60.476	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.960%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	89231	5.767	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	100318	4.760	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	140662	5.209	ug/L	99
3) Chloromethane	1.240	50	120242	4.640	ug/L	98
5) Vinyl chloride	1.307	62	130252	4.936	ug/L	99
6) Bromomethane	1.516	94	73016	4.623	ug/L	97
8) Chloroethane	1.581	64	77956	5.014	ug/L	97
9) Trichlorofluoromethane	1.748	101	181850	5.423	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	104903	5.461	ug/L	99
12) 1,1-Dichloroethene	2.114	96	97345	5.227	ug/L	85
13) Acetone	2.175	43	124960	49.106	ug/L #	26
14) Carbon disulfide	2.288	76	276973	5.047	ug/L	98
15) Methyl Acetate	2.436	43	28941	5.623	ug/L	93
16) Methylene chloride	2.500	84	124468	5.610	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	174364	5.434	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	98714	5.767	ug/L	94
19) 1,1-Dichloroethane	3.185	63	187613	6.002	ug/L	98
21) 2-Butanone	3.970	43	182258	61.414	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	103775	6.011	ug/L	97
23) Bromochloromethane	4.246	128	49307	6.199	ug/L	92
25) Chloroform	4.371	83	222665	6.801	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	100676	5.707	ug/L	96
29) 1,1,1-Trichloroethane	4.603	97	169750	5.778	ug/L	98
30) Cyclohexane	4.674	56	126299	5.045	ug/L	99
31) Carbon tetrachloride	4.825	117	155273	5.984	ug/L	99
33) Benzene	5.095	78	408864	5.610	ug/L	100
34) Trichloroethene	5.908	95	231229	12.908	ug/L	97
35) Methylcyclohexane	6.127	83	146409	5.355	ug/L	99
37) 1,2-Dichloropropane	6.172	63	103809	5.956	ug/L	99
38) Bromodichloromethane	6.506	83	131541	5.789	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	118315	5.462	ug/L	96
40) 4-Methyl-2-pentanone	7.227	43	441634	54.855	ug/L	99
42) Toluene	7.384	91	718318	9.758	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	104660	5.885	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	75384	5.917	ug/L	99
47) Tetrachloroethene	7.973	164	115904	8.249	ug/L	99
48) 2-Hexanone	8.140	43	336351	57.724	ug/L	100
49) Dibromochloromethane	8.243	129	84149	5.731	ug/L	100
50) 1,2-Dibromoethane	8.352	107	66537	5.902	ug/L	93
51) Chlorobenzene	8.879	112	270859	5.820	ug/L	98
52) Ethylbenzene	9.011	91	404267	5.549	ug/L	99
53) m,p-Xylene	9.137	106	161255	5.692	ug/L	99
54) o-Xylene	9.542	106	151334	5.621	ug/L	94
55) Styrene	9.561	104	262109	5.555	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	84587	5.608	ug/L	97
59) Bromoform	9.731	173	40638	5.236	ug/L	96
60) Isopropylbenzene	9.931	105	404491	5.361	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	58672	5.259	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	307413	5.121	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	313818	5.148	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	211826	5.731	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	211396	5.624	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	191617	5.551	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	12072	5.105	ug/L	88
69) 1,3,5-Trichlorobenzene	12.644	180	144333	5.524	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	106821	5.376	ug/L	99
71) Naphthalene	13.503	128	147050	4.467	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	95048	5.141	ug/L	99

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

