

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072022\
 Data File : VW026860.D
 Acq On : 20 Jul 2022 20:01
 Operator : SY/MD
 Sample : N3802-08MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBHX2MS

Quant Time: Jul 21 01:53:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 21 01:47:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	225682	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	230840	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	125773	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	60608	2.944	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.800%
7) Chloroethane-d5	1.564	69	61476	3.456	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.200%
11) 1,1-Dichloroethene-d2	2.108	63	136835	3.462	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	3.883	46	201218	62.619	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.240%
24) Chloroform-d	4.346	84	166239	4.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.030	65	73591	4.679	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.047	84	270950	3.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
36) 1,2-Dichloropropane-d6	6.069	67	96517	4.589	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.313	98	231210	3.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.200%
43) trans-1,3-Dichloroprop...	7.625	79	27834	4.045	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.088	63	167618	56.264	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.520%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	85348	5.209	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	94094	4.294	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	143827	5.013	ug/L	99
3) Chloromethane	1.240	50	126639	4.600	ug/L	99
5) Vinyl chloride	1.307	62	135359	4.828	ug/L	99
6) Bromomethane	1.519	94	73576	4.385	ug/L	100
8) Chloroethane	1.580	64	79556	4.817	ug/L	96
9) Trichlorofluoromethane	1.748	101	179922	5.050	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	169355	8.299	ug/L	98
12) 1,1-Dichloroethene	2.114	96	107451	5.430	ug/L	85
13) Acetone	2.172	43	130201	48.158	ug/L #	28
14) Carbon disulfide	2.288	76	280143	4.805	ug/L	99
15) Methyl Acetate	2.436	43	30342	5.549	ug/L	92
16) Methylene chloride	2.503	84	109825	4.659	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	177313	5.201	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	102503	5.636	ug/L	93
19) 1,1-Dichloroethane	3.185	63	207406	6.245	ug/L	100
21) 2-Butanone	3.969	43	193352	61.323	ug/L	100
22) cis-1,2-Dichloroethene	3.905	96	517839	28.230	ug/L	98
23) Bromochloromethane	4.246	128	49573	5.866	ug/L	96
25) Chloroform	4.371	83	199493	5.735	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	105070	5.606	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	173185	5.567	ug/L	98
30) Cyclohexane	4.674	56	124740	4.706	ug/L	96
31) Carbon tetrachloride	4.825	117	144493	5.260	ug/L	97
33) Benzene	5.098	78	412209	5.341	ug/L	100
34) Trichloroethene	5.908	95	777955	41.015	ug/L	98
35) Methylcyclohexane	6.130	83	150997	5.216	ug/L	98
37) 1,2-Dichloropropane	6.172	63	106200	5.755	ug/L	100
38) Bromodichloromethane	6.510	83	130855	5.439	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	116429	5.077	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	461170	54.100	ug/L	98
42) Toluene	7.387	91	436262	5.597	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	102790	5.458	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	74220	5.502	ug/L	95
47) Tetrachloroethene	7.972	164	462599	31.096	ug/L	99
48) 2-Hexanone	8.140	43	338457	54.859	ug/L	97
49) Dibromochloromethane	8.246	129	84134	5.412	ug/L	98
50) 1,2-Dibromoethane	8.352	107	66536	5.574	ug/L	96
51) Chlorobenzene	8.879	112	269819	5.475	ug/L	98
52) Ethylbenzene	9.011	91	402284	5.216	ug/L	99
53) m,p-Xylene	9.140	106	161610	5.388	ug/L	99
54) o-Xylene	9.542	106	149168	5.233	ug/L	97
55) Styrene	9.561	104	187056	3.744	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	86088	5.391	ug/L	98
59) Bromoform	9.731	173	38698	4.795	ug/L	99
60) Isopropylbenzene	9.931	105	400504	5.105	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	61521	5.304	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	304549	4.879	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	312993	4.939	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	208518	5.425	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	209718	5.366	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	195926	5.458	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	11497	4.676	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	141996	5.227	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	102815	4.976	ug/L	99
71) Naphthalene	13.503	128	145327	4.246	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	94079	4.894	ug/L	97

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

