

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022222\
 Data File : VW024796.D
 Acq On : 22 Feb 2022 14:46
 Operator : SY/MD
 Sample : N1623-05MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBD28MS

Quant Time: Feb 23 01:07:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 22 03:27:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	154300	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	142470	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69055	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	68610	5.242	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 104.800%		
7) Chloroethane-d5	1.568	69	54149	5.043	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 100.800%		
11) 1,1-Dichloroethene-d2	2.111	63	117798	4.912	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 98.200%		
20) 2-Butanone-d5	3.886	46	102205	54.673	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 109.340%		
24) Chloroform-d	4.349	84	106150	5.198	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.000%		
26) 1,2-Dichloroethane-d4	5.034	65	46608	5.120	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 102.400%		
32) Benzene-d6	5.050	84	222096	5.404	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.000%		
36) 1,2-Dichloropropane-d6	6.069	67	65742	5.435	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 108.800%		
41) Toluene-d8	7.313	98	196610	5.264	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.200%		
43) trans-1,3-Dichloroprop...	7.622	79	21969	5.452	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 109.000%		
46) 2-Hexanone-d5	8.088	63	78773	49.683	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 99.360%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38162	5.235	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 104.800%		
66) 1,2-Dichlorobenzene-d4	11.622	152	59130	4.949	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 99.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	77379	5.143	ug/L	99
3) Chloromethane	1.240	50	76435	5.086	ug/L	98
5) Vinyl chloride	1.310	62	82420	4.995	ug/L	98
6) Bromomethane	1.523	94	48479	4.919	ug/L	99
8) Chloroethane	1.584	64	49436	4.864	ug/L	99
9) Trichlorofluoromethane	1.754	101	109796	5.069	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	64721	5.146	ug/L	97
12) 1,1-Dichloroethene	2.121	96	60705	5.052	ug/L	96
13) Acetone	2.175	43	71455	54.202	ug/L	93
14) Carbon disulfide	2.294	76	172876	5.126	ug/L	99
15) Methyl Acetate	2.439	43	19518	5.655	ug/L	91
16) Methylene chloride	2.506	84	62016	5.241	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	126238	5.344	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	62844	5.355	ug/L	98
19) 1,1-Dichloroethane	3.191	63	116864	5.438	ug/L	100
21) 2-Butanone	3.969	43	116643	57.256	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	74817	6.031	ug/L	98
23) Bromochloromethane	4.249	128	25840	5.389	ug/L	89
25) Chloroform	4.375	83	118361	5.272	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	62937	5.253	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	102610	5.366	ug/L	98
30) Cyclohexane	4.677	56	102212	5.270	ug/L	98
31) Carbon tetrachloride	4.828	117	86481	5.380	ug/L	98
33) Benzene	5.098	78	261695	5.425	ug/L	100
34) Trichloroethene	5.911	95	80930	6.334	ug/L	98
35) Methylcyclohexane	6.130	83	110169	5.337	ug/L	100
37) 1,2-Dichloropropane	6.172	63	64846	5.690	ug/L	99
38) Bromodichloromethane	6.510	83	77714	5.417	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	87454	5.533	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	297038	54.793	ug/L	98
42) Toluene	7.387	91	278382	5.421	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	67978	5.382	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	41606	5.612	ug/L	99
47) Tetrachloroethene	7.976	164	45989	5.285	ug/L	99
48) 2-Hexanone	8.136	43	204280	53.595	ug/L	96
49) Dibromochloromethane	8.246	129	45024	5.472	ug/L	97
50) 1,2-Dibromoethane	8.352	107	37408	5.530	ug/L	97
51) Chlorobenzene	8.879	112	170313	5.301	ug/L	99
52) Ethylbenzene	9.011	91	301415	5.378	ug/L	100
53) m,p-xylene	9.136	106	114955	5.426	ug/L	99
54) o-xylene	9.542	106	112434	5.430	ug/L	97
55) Styrene	9.561	104	180563	5.361	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	42172	5.378	ug/L	98
59) Bromoform	9.731	173	18041	5.161	ug/L	96
60) Isopropylbenzene	9.931	105	298632	5.228	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	32193	5.144	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	246115	5.169	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	247176	5.230	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	126394	5.247	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	123758	5.144	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	112031	5.272	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	5517	5.156	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	89198	5.222	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	70876	5.266	ug/L	100
71) Naphthalene	13.500	128	114098	4.985	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	59188	5.255	ug/L	99

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

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