

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U072822\
 Data File : U049985.D
 Acq On : 28 Jul 2022 14:40
 Operator : SY/MD
 Sample : N3873-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ27MSD

Quant Time: Jul 29 02:36:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 29 02:27:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	69817	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	67300	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	28843	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30634	5.110	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.200%		
7) Chloroethane-d5	1.909	69	23245	5.399	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 108.000%		
11) 1,1-Dichloroethene-d2	2.565	65	10648	5.154	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 103.000%		
20) 2-Butanone-d5	4.620	46	98855	74.082	ug/L	-0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	= 148.160%#		
24) Chloroform-d	5.063	84	52269	5.269	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.400%		
26) 1,2-Dichloroethane-d4	5.703	65	29298	5.861	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 117.200%		
32) Benzene-d6	5.729	84	102630	5.161	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.200%		
36) 1,2-Dichloropropane-d6	6.690	67	34508	5.297	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 106.000%		
41) Toluene-d8	7.899	98	91613	5.183	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.600%		
43) trans-1,3-Dichloroprop...	8.179	79	13254	5.805	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 116.000%		
46) 2-Hexanone-d5	8.632	63	60593	70.887	ug/L	-0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	= 141.780%#		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36725	6.709	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 134.200%#		
66) 1,2-Dichlorobenzene-d4	12.192	152	30024	5.612	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 112.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	31107	5.773	ug/L	100
3) Chloromethane	1.523	50	31022	4.859	ug/L	98
5) Vinyl chloride	1.604	62	32540	5.422	ug/L	99
6) Bromomethane	1.851	94	17421	5.245	ug/L	100
8) Chloroethane	1.928	64	20919	6.148	ug/L	99
9) Trichlorofluoromethane	2.134	101	39266	5.555	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	23515	5.651	ug/L	99
12) 1,1-Dichloroethene	2.578	96	63846	16.570	ug/L #	78
13) Acetone	2.623	43	56003	59.709	ug/L	99
14) Carbon disulfide	2.790	76	56005	4.785	ug/L	100
15) Methyl Acetate	2.948	43	13378	6.875	ug/L	100
16) Methylene chloride	3.044	84	26997	4.557	ug/L	97
17) Methyl tert-butyl Ether	3.362	73	62310	5.785	ug/L	96
18) trans-1,2-Dichloroethene	3.353	96	21336	5.038	ug/L	98
19) 1,1-Dichloroethane	3.867	63	118921	13.688	ug/L	99
21) 2-Butanone	4.700	43	95468	70.670	ug/L	100
22) cis-1,2-Dichloroethene	4.668	96	26603	5.255	ug/L	97
23) Bromochloromethane	4.973	128	13162	5.677	ug/L	97
25) Chloroform	5.089	83	47509	4.879	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	31767	5.846	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	53383	7.470	ug/L	100
30) Cyclohexane	5.388	56	34209	5.671	ug/L	99
31) Carbon tetrachloride	5.526	117	31240	5.381	ug/L	99
33) Benzene	5.774	78	103184	5.253	ug/L	100
34) Trichloroethene	6.542	95	24343	5.098	ug/L	98
35) Methylcyclohexane	6.764	83	34950	5.550	ug/L	98
37) 1,2-Dichloropropane	6.790	63	28652	5.293	ug/L	99
38) Bromodichloromethane	7.105	83	34520	5.271	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	36029	5.143	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	214864	68.695	ug/L	100
42) Toluene	7.970	91	105574	5.286	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	32177	5.470	ug/L	95
45) 1,1,2-Trichloroethane	8.401	97	24751	6.119	ug/L	97
47) Tetrachloroethene	8.555	164	17249	5.020	ug/L	97
48) 2-Hexanone	8.684	43	171305	71.847	ug/L	98
49) Dibromochloromethane	8.809	129	26202	5.920	ug/L	97
50) 1,2-Dibromoethane	8.925	107	22464	6.255	ug/L	98
51) Chlorobenzene	9.446	112	65692	5.181	ug/L	100
52) Ethylbenzene	9.571	91	96156	4.915	ug/L	100
53) m,p-Xylene	9.693	106	36085	4.843	ug/L	97
54) o-Xylene	10.102	106	35055	4.853	ug/L	94
55) Styrene	10.115	104	58738	4.774	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	34487	6.550	ug/L	96
59) Bromoform	10.291	173	15880	6.850	ug/L	98
60) Isopropylbenzene	10.484	105	90411	5.306	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	23830	7.114	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	68027	4.914	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	64112	4.779	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	40707	4.989	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	43130	5.343	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	43174	5.326	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	5367	8.111	ug/L	91
69) 1,3,5-Trichlorobenzene	13.220	180	26693	4.538	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	19271	4.107	ug/L	98
71) Naphthalene	14.089	128	45491	4.889	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	22405	4.811	ug/L	98

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

