

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072722\
 Data File : VU049956.D
 Acq On : 27 Jul 2022 18:28
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV049

Quant Time: Jul 28 03:28:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 28 03:22:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	110912	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	105966	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	50836	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48307	5.073	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 101.400%		
7) Chloroethane-d5	1.912	69	35552	5.198	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 104.000%		
11) 1,1-Dichloroethene-d2	2.565	65	17168	5.231	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 104.600%		
20) 2-Butanone-d5	4.642	46	111579	52.635	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 105.280%		
24) Chloroform-d	5.063	84	77041	4.889	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 97.800%		
26) 1,2-Dichloroethane-d4	5.703	65	38159	4.806	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 96.200%		
32) Benzene-d6	5.726	84	156555	5.000	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.000%		
36) 1,2-Dichloropropane-d6	6.690	67	49599	4.835	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 96.800%		
41) Toluene-d8	7.896	98	143407	5.153	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.000%		
43) trans-1,3-Dichloroprop...	8.179	79	18587	5.170	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 103.400%		
46) 2-Hexanone-d5	8.636	63	71002	52.755	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 105.500%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43138	5.005	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 100.000%		
66) 1,2-Dichlorobenzene-d4	12.192	152	45332	4.808	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 96.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	47968	5.603	ug/L	99
3) Chloromethane	1.520	50	49229	4.853	ug/L	98
5) Vinyl chloride	1.600	62	49941	5.239	ug/L	100
6) Bromomethane	1.855	94	28484	5.398	ug/L	99
8) Chloroethane	1.932	64	27968	5.174	ug/L	94
9) Trichlorofluoromethane	2.134	101	61551	5.482	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	36831	5.572	ug/L	98
12) 1,1-Dichloroethene	2.578	96	32932	5.380	ug/L	95
13) Acetone	2.655	43	63473	42.599	ug/L	96
14) Carbon disulfide	2.790	76	90604	4.873	ug/L	99
15) Methyl Acetate	2.961	43	16853	5.452	ug/L	96
16) Methylene chloride	3.044	84	44238	4.700	ug/L	99
17) Methyl tert-butyl Ether	3.366	73	85773	5.012	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	34581	5.140	ug/L	98
19) 1,1-Dichloroethane	3.870	63	70239	5.089	ug/L	98
21) 2-Butanone	4.719	43	112210	52.287	ug/L	100
22) cis-1,2-Dichloroethene	4.668	96	40726	5.064	ug/L	99
23) Bromochloromethane	4.977	128	19172	5.206	ug/L	95
25) Chloroform	5.089	83	72947	4.716	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	42213	4.890	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	59100	5.252	ug/L	99
30) Cyclohexane	5.388	56	54266	5.714	ug/L	98
31) Carbon tetrachloride	5.523	117	49081	5.370	ug/L	99
33) Benzene	5.774	78	161902	5.235	ug/L	100
34) Trichloroethene	6.542	95	39076	5.198	ug/L	99
35) Methylcyclohexane	6.764	83	56399	5.688	ug/L	99
37) 1,2-Dichloropropane	6.790	63	43579	5.113	ug/L	100
38) Bromodichloromethane	7.105	83	53310	5.169	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	55748	5.054	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	260467	52.889	ug/L	100
42) Toluene	7.970	91	166613	5.298	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	46780	5.050	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	32689	5.133	ug/L	98
47) Tetrachloroethene	8.552	164	27864	5.150	ug/L	89
48) 2-Hexanone	8.687	43	198835	52.964	ug/L	99
49) Dibromochloromethane	8.809	129	35307	5.066	ug/L	99
50) 1,2-Dibromoethane	8.925	107	29052	5.137	ug/L	99
51) Chlorobenzene	9.446	112	102914	5.155	ug/L	99
52) Ethylbenzene	9.571	91	165105	5.359	ug/L	100
53) m,p-Xylene	9.693	106	62248	5.306	ug/L	98
54) o-Xylene	10.099	106	62340	5.481	ug/L	98
55) Styrene	10.115	104	106275	5.486	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	42933	5.179	ug/L	96
59) Bromoform	10.291	173	19988	4.892	ug/L	100
60) Isopropylbenzene	10.484	105	159717	5.318	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	29353	4.972	ug/L	95
62) 1,3,5-Trimethylbenzene	11.089	105	127092	5.209	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	123608	5.228	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	75331	5.239	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	72301	5.081	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	73709	5.159	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	5896	5.056	ug/L	89
69) 1,3,5-Trichlorobenzene	13.221	180	52965	5.109	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	43573	5.269	ug/L	98
71) Naphthalene	14.086	128	84875	5.176	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	42723	5.205	ug/L	99

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

