

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
 Data File : VU054161.D
 Acq On : 18 May 2023 11:50
 Operator : JC/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV030

Quant Time: May 19 01:57:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 19 01:52:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	211708	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	195155	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	106089	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	55491	4.862	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.909	69	35178	4.120	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.549	65	26600	5.160	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.200%
20) 2-Butanone-d5	4.639	46	101359	49.796	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.600%
24) Chloroform-d	5.054	84	101549	4.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.697	65	49295	4.993	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.719	84	207150	5.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
36) 1,2-Dichloropropane-d6	6.684	67	59623	5.190	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.800%
41) Toluene-d8	7.893	98	198178	5.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
43) trans-1,3-Dichloroprop...	8.176	79	24688	5.321	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.400%
46) 2-Hexanone-d5	8.655	63	79044	57.219	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.440%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42361	5.145	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	68990	5.329	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	78512	4.905	ug/L	98
3) Chloromethane	1.517	50	72812	4.907	ug/L	98
5) Vinyl chloride	1.600	62	78943	5.008	ug/L	100
6) Bromomethane	1.858	94	43345	4.533	ug/L	96
8) Chloroethane	1.932	64	40253	4.031	ug/L	99
9) Trichlorofluoromethane	2.121	101	129447	5.169	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	73193	5.042	ug/L	99
12) 1,1-Dichloroethene	2.562	96	63954	4.935	ug/L	92
13) Acetone	2.649	43	122203	44.132	ug/L	96
14) Carbon disulfide	2.777	76	157746	4.846	ug/L	100
15) Methyl Acetate	2.951	43	25280	5.092	ug/L	97
16) Methylene chloride	3.034	84	79100	4.663	ug/L	97
17) Methyl tert-butyl Ether	3.359	73	170892	5.239	ug/L	100
18) trans-1,2-Dichloroethene	3.340	96	68095	5.167	ug/L	97
19) 1,1-Dichloroethane	3.858	63	134485	5.096	ug/L	97
21) 2-Butanone	4.716	43	167672	45.714	ug/L	99
22) cis-1,2-Dichloroethene	4.655	96	78479	5.092	ug/L	98
23) Bromochloromethane	4.967	128	33924	5.039	ug/L	97
25) Chloroform	5.079	83	142515	4.979	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.787	62	83114	5.050	ug/L	100
29) 1,1,1-Trichloroethane	5.304	97	123027	5.036	ug/L	100
30) Cyclohexane	5.375	56	110069	5.536	ug/L	98
31) Carbon tetrachloride	5.513	117	105789	4.993	ug/L	98
33) Benzene	5.764	78	291047	5.269	ug/L	100
34) Trichloroethene	6.533	95	78216	5.265	ug/L	98
35) Methylcyclohexane	6.755	83	115168	5.302	ug/L	98
37) 1,2-Dichloropropane	6.783	63	77039	5.312	ug/L	99
38) Bromodichloromethane	7.099	83	92790	5.052	ug/L	99
39) cis-1,3-Dichloropropene	7.600	75	114050	5.278	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	402774	54.555	ug/L #	95
42) Toluene	7.963	91	312452	5.353	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	95087	5.361	ug/L	98
45) 1,1,2-Trichloroethane	8.394	97	54362	5.201	ug/L	98
47) Tetrachloroethene	8.549	164	63252	5.181	ug/L	99
48) 2-Hexanone	8.703	43	314439	56.330	ug/L	99
49) Dibromochloromethane	8.806	129	57816	4.955	ug/L	99
50) 1,2-Dibromoethane	8.922	107	50527	5.260	ug/L	100
51) Chlorobenzene	9.446	112	208016	5.271	ug/L	98
52) Ethylbenzene	9.565	91	353180	5.430	ug/L	98
53) m,p-Xylene	9.690	106	136824	5.538	ug/L	94
54) o-Xylene	10.098	106	131870	5.405	ug/L	98
55) Styrene	10.115	104	223586	5.605	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	64611	5.206	ug/L	99
59) Bromoform	10.295	173	34611	5.073	ug/L	97
60) Isopropylbenzene	10.481	105	361303	5.581	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	44691	5.196	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	299362	5.665	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	304373	5.771	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	172847	5.349	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	171989	5.358	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	155173	5.234	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	9191	4.998	ug/L	84
69) 1,3,5-Trichlorobenzene	13.214	180	134985	5.599	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	119643	5.995	ug/L	99
71) Naphthalene	14.082	128	204572	7.086	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	108640	6.431	ug/L	98

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

