

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042423\
 Data File : VU053841.D
 Acq On : 24 Apr 2023 14:00
 Operator : JC/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV025

Quant Time: Apr 25 04:52:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 25 04:42:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	168455	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	159729	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	85825	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	45561	4.440	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.913	69	38498	4.471	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.565	65	18730	4.436	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	4.633	46	84690	45.065	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.140%
24) Chloroform-d	5.060	84	88303	4.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.700	65	40268	4.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.723	84	175462	4.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.687	67	52462	4.609	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.893	98	165312	4.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	8.176	79	20548	4.590	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.629	63	73626	46.470	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.940%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	40919	4.448	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	58068	4.218	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	70336	5.628	ug/L	96
3) Chloromethane	1.520	50	66335	5.466	ug/L	100
5) Vinyl chloride	1.604	62	80438	5.745	ug/L	97
6) Bromomethane	1.858	94	51347	5.635	ug/L	93
8) Chloroethane	1.935	64	47194	5.400	ug/L	99
9) Trichlorofluoromethane	2.138	101	112843	5.458	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	66248	5.514	ug/L	99
12) 1,1-Dichloroethene	2.578	96	57582	5.434	ug/L	94
13) Acetone	2.646	43	74173	48.671	ug/L	100
14) Carbon disulfide	2.794	76	158651	5.464	ug/L	100
15) Methyl Acetate	2.954	43	17623	5.358	ug/L	99
16) Methylene chloride	3.044	84	64083	4.432	ug/L	97
17) Methyl tert-butyl Ether	3.360	73	127398	5.550	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	57757	5.394	ug/L	95
19) 1,1-Dichloroethane	3.868	63	109814	5.667	ug/L	98
21) 2-Butanone	4.710	43	115013	54.520	ug/L	99
22) cis-1,2-Dichloroethene	4.662	96	66437	5.500	ug/L	96
23) Bromochloromethane	4.970	128	30144	5.608	ug/L	98
25) Chloroform	5.083	83	119746	5.690	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	66292	5.495	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	102549	5.711	ug/L	98
30) Cyclohexane	5.385	56	91237	5.655	ug/L	99
31) Carbon tetrachloride	5.520	117	88025	5.640	ug/L	95
33) Benzene	5.771	78	254177	5.645	ug/L	100
34) Trichloroethene	6.540	95	70340	5.733	ug/L	98
35) Methylcyclohexane	6.761	83	109101	5.757	ug/L	98
37) 1,2-Dichloropropane	6.787	63	63797	5.711	ug/L	98
38) Bromodichloromethane	7.102	83	78680	5.635	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	94124	5.588	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	281805	55.926	ug/L	99
42) Toluene	7.967	91	273382	5.726	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	77563	5.694	ug/L	95
45) 1,1,2-Trichloroethane	8.395	97	47582	5.683	ug/L	97
47) Tetrachloroethene	8.549	164	54897	5.645	ug/L	98
48) 2-Hexanone	8.681	43	203404	53.108	ug/L	99
49) Dibromochloromethane	8.806	129	50020	5.642	ug/L	99
50) 1,2-Dibromoethane	8.919	107	45096	5.822	ug/L	100
51) Chlorobenzene	9.443	112	178491	5.506	ug/L	99
52) Ethylbenzene	9.565	91	299400	5.710	ug/L	98
53) m,p-Xylene	9.691	106	117169	5.832	ug/L	98
54) o-Xylene	10.096	106	114274	5.895	ug/L	100
55) Styrene	10.112	104	184992	5.833	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	53582	5.368	ug/L	100
59) Bromoform	10.285	173	27335	5.601	ug/L	99
60) Isopropylbenzene	10.481	105	303320	5.877	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	37032	5.596	ug/L	98
62) 1,3,5-Trimethylbenzene	11.083	105	242141	5.772	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	248377	5.851	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	144920	5.619	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	141942	5.447	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	128511	5.396	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	7245	5.312	ug/L	89
69) 1,3,5-Trichlorobenzene	13.214	180	100308	5.432	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	83535	4.969	ug/L	98
71) Naphthalene	14.083	128	139056	4.679	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	72735	4.849	ug/L	99

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

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