

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
 Data File : VU053391.D
 Acq On : 24 Mar 2023 14:23
 Operator : JC/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV018

Quant Time: Mar 25 00:34:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 25 00:27:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	151979	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	141407	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	71725	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	52010	4.975	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.912	69	47098	4.963	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.565	65	22828	5.126	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.600%
20) 2-Butanone-d5	4.639	46	116178	48.506	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.020%
24) Chloroform-d	5.057	84	99546	5.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.697	65	48495	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.722	84	199843	4.987	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.687	67	63944	5.236	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.893	98	191027	5.053	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
43) trans-1,3-Dichloroprop...	8.176	79	23727	5.063	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.200%
46) 2-Hexanone-d5	8.629	63	93413	49.077	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.160%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	52344	5.150	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	66934	5.187	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	57260	5.250	ug/L	99
3) Chloromethane	1.517	50	54787	4.994	ug/L	95
5) Vinyl chloride	1.604	62	62333	5.038	ug/L	98
6) Bromomethane	1.858	94	40537	5.174	ug/L	96
8) Chloroethane	1.935	64	35265	4.904	ug/L	100
9) Trichlorofluoromethane	2.137	101	85845	4.595	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	47321	4.997	ug/L	97
12) 1,1-Dichloroethene	2.578	96	43628	5.070	ug/L	97
13) Acetone	2.661	43	70196	49.385	ug/L	92
14) Carbon disulfide	2.793	76	131103	5.191	ug/L	99
15) Methyl Acetate	2.960	43	14834	4.449	ug/L	97
16) Methylene chloride	3.041	84	51436	4.552	ug/L	96
17) Methyl tert-butyl Ether	3.359	73	103500	4.962	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	44596	4.989	ug/L	93
19) 1,1-Dichloroethane	3.867	63	83617	5.078	ug/L	97
21) 2-Butanone	4.719	43	105717	47.899	ug/L	99
22) cis-1,2-Dichloroethene	4.661	96	50390	4.185	ug/L	96
23) Bromochloromethane	4.967	128	21455	5.034	ug/L	97
25) Chloroform	5.083	83	84413	4.984	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	53740	5.065	ug/L	99
29) 1,1,1-Trichloroethane	5.311	97	71493	5.121	ug/L	99
30) Cyclohexane	5.385	56	76354	5.133	ug/L	98
31) Carbon tetrachloride	5.520	117	61043	5.168	ug/L	100
33) Benzene	5.771	78	192759	5.088	ug/L	100
34) Trichloroethene	6.536	95	51737	5.128	ug/L	97
35) Methylcyclohexane	6.758	83	89245	5.155	ug/L	99
37) 1,2-Dichloropropane	6.787	63	50095	5.007	ug/L	100
38) Bromodichloromethane	7.102	83	57549	5.180	ug/L	98
39) cis-1,3-Dichloropropene	7.603	75	75121	5.083	ug/L	97
40) 4-Methyl-2-pentanone	7.787	43	248884	50.838	ug/L	99
42) Toluene	7.967	91	215566	5.207	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	63477	5.279	ug/L	98
45) 1,1,2-Trichloroethane	8.394	97	34888	4.912	ug/L	90
47) Tetrachloroethene	8.549	164	36893	4.976	ug/L	98
48) 2-Hexanone	8.681	43	192828	53.269	ug/L	100
49) Dibromochloromethane	8.806	129	36872	5.249	ug/L	98
50) 1,2-Dibromoethane	8.918	107	34117	4.973	ug/L #	95
51) Chlorobenzene	9.443	112	135155	5.176	ug/L	99
52) Ethylbenzene	9.565	91	231568	5.131	ug/L	100
53) m,p-Xylene	9.690	106	91249	5.305	ug/L	98
54) o-Xylene	10.095	106	86849	5.321	ug/L	99
55) Styrene	10.111	104	142609	5.321	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	45747	5.100	ug/L	98
59) Bromoform	10.288	173	18646	5.049	ug/L	96
60) Isopropylbenzene	10.478	105	235793	5.412	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	31867	5.362	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	190263	5.382	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	196846	5.437	ug/L	99
64) 1,3-Dichlorobenzene	11.741	146	104905	5.477	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	102295	5.319	ug/L	95
67) 1,2-Dichlorobenzene	12.208	146	97271	5.357	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.992	75	6182	5.365	ug/L #	85
69) 1,3,5-Trichlorobenzene	13.214	180	73531	5.499	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	64226	6.041	ug/L	98
71) Naphthalene	14.082	128	130276	6.504	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	57619	6.209	ug/L	98

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

