

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047330.D
 Acq On : 04 Mar 2022 14:54
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV012

Quant Time: Mar 04 23:13:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 14:58:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	206072	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	197292	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	110972	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	70970	4.852	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.000%
7) Chloroethane-d5	1.919	69	60579	4.965	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.575	65	30722	4.974	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.400%
20) 2-Butanone-d5	4.655	46	225611	46.986	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.980%
24) Chloroform-d	5.070	84	133636	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.706	65	74471	4.910	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.732	84	275601	4.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.694	67	85458	4.938	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.899	98	263811	5.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	8.182	79	37866	4.979	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.639	63	208157	48.093	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.180%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	85993	4.877	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	112503	5.173	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	76606	5.896	ug/L	100
3) Chloromethane	1.523	50	75664	5.266	ug/L	99
5) Vinyl chloride	1.607	62	76066	5.566	ug/L	99
6) Bromomethane	1.864	94	41051	5.547	ug/L	96
8) Chloroethane	1.938	64	43811	5.543	ug/L	100
9) Trichlorofluoromethane	2.144	101	99520	5.859	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	58590	5.909	ug/L	91
12) 1,1-Dichloroethene	2.584	96	57102	5.653	ug/L	94
13) Acetone	2.681	43	101993	52.622	ug/L	68
14) Carbon disulfide	2.800	76	185664	5.703	ug/L	99
15) Methyl Acetate	2.970	43	25364	5.711	ug/L #	89
16) Methylene chloride	3.054	84	62999	5.358	ug/L	93
17) Methyl tert-butyl Ether	3.369	73	150037	5.547	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	60802	5.543	ug/L	92
19) 1,1-Dichloroethane	3.877	63	102052	5.588	ug/L	98
21) 2-Butanone	4.732	43	181169	49.171	ug/L	90
22) cis-1,2-Dichloroethene	4.671	96	66338	5.555	ug/L	96
23) Bromochloromethane	4.980	128	33313	5.586	ug/L #	84
25) Chloroform	5.092	83	109221	5.466	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	76482	5.683	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	96095	5.800	ug/L	97
30) Cyclohexane	5.395	56	96195	5.934	ug/L	96
31) Carbon tetrachloride	5.530	117	82581	5.773	ug/L	100
33) Benzene	5.777	78	248449	5.580	ug/L	100
34) Trichloroethene	6.546	95	66459	5.679	ug/L	94
35) Methylcyclohexane	6.768	83	109136	6.082	ug/L	95
37) 1,2-Dichloropropane	6.793	63	62418	5.653	ug/L	99
38) Bromodichloromethane	7.108	83	79979	5.519	ug/L #	97
39) cis-1,3-Dichloropropene	7.610	75	97614	5.568	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	449365	53.952	ug/L	97
42) Toluene	7.973	91	274648	5.691	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	87923	5.659	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	52934	5.544	ug/L	97
47) Tetrachloroethene	8.555	164	58063	5.824	ug/L	93
48) 2-Hexanone	8.690	43	337983	54.405	ug/L	98
49) Dibromochloromethane	8.812	129	62571	5.568	ug/L	98
50) 1,2-Dibromoethane	8.928	107	54138	5.551	ug/L #	98
51) Chlorobenzene	9.449	112	182708	5.622	ug/L	94
52) Ethylbenzene	9.571	91	297834	5.769	ug/L	98
53) m,p-Xylene	9.697	106	117395	5.722	ug/L	99
54) o-Xylene	10.102	106	113883	5.756	ug/L	98
55) Styrene	10.115	104	192732	5.746	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.783	83	70584	5.341	ug/L	96
59) Bromoform	10.291	173	40187	5.613	ug/L #	97
60) Isopropylbenzene	10.484	105	301389	6.054	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	51116	5.548	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	199980	6.019	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	259816	6.003	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	156492	5.875	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	158566	5.810	ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	150658	5.720	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	11944	5.674	ug/L #	76
69) 1,3,5-Trichlorobenzene	13.221	180	134086	6.037	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	122664	6.077	ug/L	98
71) Naphthalene	14.086	128	238096	5.917	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	114118	6.074	ug/L	97

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

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