

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022721\
 Data File : VU042448.D
 Acq On : 26 Feb 2021 14:29
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV351

Quant Time: Feb 27 00:32:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022621WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 27 00:17:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	107000	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	102922	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	57511	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	24426	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.919	69	23935	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.571	65	14734	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.40%
20) 2-Butanone-d5	4.645	46	112372	44.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.66%
24) Chloroform-d	5.076	84	71612	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.713	65	42701	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.739	84	124611	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.700	67	40946	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.906	98	116438	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloroprop...	8.189	79	16358	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.645	63	88491	47.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.44%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	36950	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	49406	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	55571	5.14	ug/L	99
3) Chloromethane	1.523	50	50228	5.14	ug/L	99
5) Vinyl chloride	1.607	62	50312	5.29	ug/L	100
6) Bromomethane	1.864	94	29822	5.17	ug/L	98
8) Chloroethane	1.941	64	28818	4.95	ug/L	98
9) Trichlorofluoromethane	2.144	101	77217	4.86	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	42685	5.21	ug/L	98
12) 1,1-Dichloroethene	2.588	96	37891	5.01	ug/L	98
13) Acetone	2.655	43	79647	50.32	ug/L	96
14) Carbon disulfide	2.800	76	127954	5.16	ug/L	99
15) Methyl Acetate	2.964	43	17493	4.69	ug/L	99
16) Methylene chloride	3.054	84	43600	4.84	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	108352	5.17	ug/L	100
18) trans-1,2-Dichloroethene	3.362	96	40618	5.12	ug/L	97
19) 1,1-Dichloroethane	3.880	63	79948	5.19	ug/L	99
21) 2-Butanone	4.726	43	158470	55.76	ug/L	96
22) cis-1,2-Dichloroethene	4.677	96	44414	5.21	ug/L	97
23) Bromochloromethane	4.986	128	20733	5.03	ug/L	97
25) Chloroform	5.102	83	81858	5.06	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	59764	4.98	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	75764	5.22	ug/L	99
30) Cyclohexane	5.401	56	76562	5.26	ug/L	98
31) Carbon tetrachloride	5.536	117	64241	5.10	ug/L	97
33) Benzene	5.784	78	169052	5.10	ug/L	100
34) Trichloroethene	6.549	95	45966	5.05	ug/L	97
35) Methylcyclohexane	6.774	83	72995	5.26	ug/L	100
37) 1,2-Dichloropropane	6.800	63	45677	5.09	ug/L	99
38) Bromodichloromethane	7.115	83	59110	5.10	ug/L	97
39) cis-1,3-Dichloropropene	7.616	75	66472	5.19	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	381765	51.39	ug/L	99
42) Toluene	7.976	91	181459	5.05	ug/L	99
44) trans-1,3-Dichloropropene	8.221	75	59840	5.20	ug/L	100
45) 1,1,2-Trichloroethane	8.410	97	32672	5.11	ug/L	98
47) Tetrachloroethene	8.562	164	37849	5.14	ug/L	98
48) 2-Hexanone	8.697	43	285497	52.99	ug/L	98
49) Dibromochloromethane	8.819	129	41422	5.14	ug/L	99
50) 1,2-Dibromoethane	8.931	107	33237	5.07	ug/L	99
51) Chlorobenzene	9.455	112	116715	5.11	ug/L	99
52) Ethylbenzene	9.578	91	205635	5.09	ug/L	99
53) m,p-Xylene	9.703	106	77541	5.21	ug/L	95
54) o-Xylene	10.108	106	75623	5.18	ug/L	91
55) Styrene	10.121	104	125978	5.13	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.793	83	42969	5.27	ug/L	98
59) Bromoform	10.301	173	25323	5.17	ug/L	99
60) Isopropylbenzene	10.491	105	207547	5.28	ug/L	100
61) 1,2,3-Trichloropropane	10.832	75	32572	5.14	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	175154	5.21	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	175949	5.30	ug/L	100
64) 1,3-Dichlorobenzene	11.754	146	97527	5.14	ug/L	99
65) 1,4-Dichlorobenzene	11.844	146	97618	5.16	ug/L	98
67) 1,2-Dichlorobenzene	12.221	146	93677	5.09	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	7694	5.35	ug/L	92
69) 1,3,5-Trichlorobenzene	13.227	180	81311	5.25	ug/L	99
70) 1,2,4-trichlorobenzene	13.851	180	68597	5.64	ug/L	99
71) Naphthalene	14.095	128	110722	5.91	ug/L	99
72) 1,2,3-Trichlorobenzene	14.339	180	60765	5.55	ug/L	97

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

