

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021921\
 Data File : VU042357.D
 Acq On : 19 Feb 2021 12:14
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampled :
 VICV04

Manual Integrations
 APPROVED

SAM
 2/19/2021 3:52:31 PM

Quant Time: Feb 19 13:40:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR021921WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 19 13:39:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	122122	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	114838	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	64913	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33207	5.11	ug/L	0.00
7) Chloroethane-d5	1.919	69	30403	5.02	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.578	63	90165	5.10	ug/L	0.00
20) 2-Butanone-d5	4.649	46	163029m	50.37	ug/L	0.00
24) Chloroform-d	5.073	84	87535	5.08	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	52231	4.88	ug/L	0.00
32) Benzene-d6	5.739	84	154911	5.18	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	51280	5.18	ug/L	0.00
41) Toluene-d8	7.906	98	146863	5.07	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.189	79	22006	5.36	ug/L	0.00
46) 2-Hexanone-d5	8.645	63	115948	52.35	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.764	84	44951	5.09	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.201	152	60300	5.05	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	69657	5.66	ug/L	99
3) Chloromethane	1.523	50	58156	5.31	ug/L	100
5) Vinyl chloride	1.607	62	59877	5.46	ug/L	100
6) Bromomethane	1.864	94	35295	5.52	ug/L	100
8) Chloroethane	1.941	64	32947	5.08	ug/L	97
9) Trichlorofluoromethane	2.144	101	88891	5.17	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	49537	5.20	ug/L	97
12) 1,1-Dichloroethene	2.588	96	45899	5.35	ug/L	93
13) Acetone	2.658	43	75340	46.54	ug/L	98
14) Carbon disulfide	2.800	76	155307	5.32	ug/L	100
15) Methyl Acetate	2.967	43	21449	4.79	ug/L	95
16) Methylene chloride	3.054	84	48767	5.02	ug/L	95
17) Methyl tert-butyl Ether	3.375	73	131738	5.32	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	48213	5.37	ug/L	93
19) 1,1-Dichloroethane	3.880	63	94406	5.34	ug/L	97
21) 2-Butanone	4.729	43	194221	51.52	ug/L	86
22) cis-1,2-Dichloroethene	4.678	96	51750	5.25	ug/L	100
23) Bromochloromethane	4.986	128	24487	5.29	ug/L	92
25) Chloroform	5.099	83	96327	5.33	ug/L	100
27) 1,2-Dichloroethane	5.806	62	73108	5.29	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	88698	5.42	ug/L	97
30) Cyclohexane	5.398	56	92344	5.54	ug/L	97
31) Carbon tetrachloride	5.533	117	76557	5.46	ug/L	100
33) Benzene	5.784	78	198389	5.45	ug/L	100
34) Trichloroethene	6.552	95	54711	5.54	ug/L	97
35) Methylcyclohexane	6.771	83	86687	5.46	ug/L	98
37) 1,2-Dichloropropane	6.800	63	52806	5.46	ug/L #	97
38) Bromodichloromethane	7.115	83	70027	5.32	ug/L	97
39) cis-1,3-Dichloropropene	7.616	75	81373	5.52	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	469656	53.14	ug/L	97
42) Toluene	7.976	91	214622	5.42	ug/L	97
44) trans-1,3-Dichloropropene	8.218	75	72072	5.31	ug/L	99

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45) 1,1,2-Trichloroethane	8.407	97	39118	5.47	ug/L	97
47) Tetrachloroethene	8.562	164	43672	5.32	ug/L	97
48) 2-Hexanone	8.697	43	350021	54.60	ug/L	96
49) Dibromochloromethane	8.819	129	49972	5.45	ug/L	100
50) 1,2-Dibromoethane	8.931	107	40390	5.39	ug/L	99
51) Chlorobenzene	9.456	112	136533	5.51	ug/L	98
52) Ethylbenzene	9.578	91	239798	5.41	ug/L	99
53) m,p-Xylene	9.700	106	90938	5.40	ug/L	98
54) o-Xylene	10.108	106	88509	5.43	ug/L	98
55) Styrene	10.121	104	146430	5.39	ug/L	99
56) Isopropylbenzene	10.491	105	237850	5.34	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.790	83	50586	5.19	ug/L	98
59) 1,2,3-Trichloropropane	10.832	75	40019	5.32	ug/L	98
61) Bromoform	10.301	173	30758	5.23	ug/L	99
62) 1,3-Dichlorobenzene	11.751	146	112385	5.25	ug/L	99
63) 1,4-Dichlorobenzene	11.845	146	113933	5.28	ug/L	98
65) 1,2-Dichlorobenzene	12.221	146	110232	5.33	ug/L	98
66) 1,2-Dibromo-3-chloropr...	13.005	75	10004	5.53	ug/L	89
67) 1,3,5-Trichlorobenzene	13.227	180	92986	5.44	ug/L	98
68) 1,2,4-trichlorobenzene	13.848	180	81057	5.79	ug/L	100
69) Naphthalene	14.095	128	140044	6.35	ug/L	99
70) 1,2,3-Trichlorobenzene	14.340	180	75062	5.95	ug/L	99

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

