

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030221\
 Data File : VU042474.D
 Acq On : 02 Mar 2021 16:44
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV05

Quant Time: Mar 03 16:01:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Mar 03 15:58:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	105848	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	99846	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	54690	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	36582	5.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.60%
7) Chloroethane-d5	1.919	69	28624	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	2.575	63	83231	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.40%
20) 2-Butanone-d5	4.642	46	119458	51.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.12%
24) Chloroform-d	5.073	84	73515	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.713	65	43684	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.735	84	131339	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
36) 1,2-Dichloropropane-d6	6.700	67	42882	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	7.906	98	126530	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
43) trans-1,3-Dichloroprop...	8.189	79	19485	5.28	ug/L	0.00
46) 2-Hexanone-d5	8.642	63	95048	53.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.60%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	37432	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.40%
64) 1,2-Dichlorobenzene-d4	12.201	152	51578	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	51837	5.26	ug/L	99
3) Chloromethane	1.523	50	47489	5.09	ug/L	95
5) Vinyl chloride	1.607	62	48069	5.13	ug/L	99
6) Bromomethane	1.864	94	27383	5.30	ug/L	98
8) Chloroethane	1.938	64	29131	5.21	ug/L	98
9) Trichlorofluoromethane	2.144	101	76396	5.00	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	41723	5.20	ug/L	99
12) 1,1-Dichloroethene	2.584	96	37774	5.06	ug/L #	81
13) Acetone	2.649	43	84035	47.07	ug/L	95
14) Carbon disulfide	2.800	76	121135	5.10	ug/L	100
15) Methyl Acetate	2.964	43	20927	4.71	ug/L	96
16) Methylene chloride	3.054	84	42663	4.78	ug/L	99
17) Methyl tert-butyl Ether	3.375	73	109497	5.22	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	39559	5.05	ug/L	99
19) 1,1-Dichloroethane	3.880	63	78999	5.22	ug/L	97
21) 2-Butanone	4.723	43	145684	48.00	ug/L	100
22) cis-1,2-Dichloroethene	4.678	96	44009	5.25	ug/L	99
23) Bromochloromethane	4.986	128	21170	5.31	ug/L	98
25) Chloroform	5.099	83	80610	5.07	ug/L	99
27) 1,2-Dichloroethane	5.803	62	61769	5.18	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.327	97	72606	5.23	ug/L	97
30) Cyclohexane	5.398	56	73180	5.28	ug/L	98
31) Carbon tetrachloride	5.536	117	63510	5.19	ug/L	98
33) Benzene	5.784	78	162440	5.20	ug/L	100
34) Trichloroethene	6.549	95	45265	5.23	ug/L	98
35) Methylcyclohexane	6.771	83	70804	5.37	ug/L	96
37) 1,2-Dichloropropane	6.800	63	44652	5.29	ug/L	98
38) Bromodichloromethane	7.115	83	58639	5.33	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	65546	5.33	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	382315	51.99	ug/L	96
42) Toluene	7.977	91	178902	5.25	ug/L	97
44) trans-1,3-Dichloropropene	8.218	75	58624	5.17	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	32215	5.18	ug/L	95
47) Tetrachloroethene	8.562	164	36525	5.17	ug/L	98
48) 2-Hexanone	8.694	43	286721	52.85	ug/L	95
49) Dibromochloromethane	8.819	129	41004	5.27	ug/L	100
50) 1,2-Dibromoethane	8.935	107	32965	5.38	ug/L #	95
51) Chlorobenzene	9.456	112	112439	5.16	ug/L	99
52) Ethylbenzene	9.578	91	202417	5.27	ug/L	99
53) m,p-Xylene	9.700	106	74313	5.23	ug/L	97
54) o-Xylene	10.108	106	72205	5.25	ug/L	98
55) Styrene	10.121	104	123436	5.28	ug/L	99
56) Isopropylbenzene	10.491	105	202017	5.34	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	42990	5.16	ug/L	100
59) 1,2,3-Trichloropropane	10.832	75	32044	5.06	ug/L	99
61) Bromoform	10.301	173	25111	5.09	ug/L	100
62) 1,3-Dichlorobenzene	11.755	146	97671	5.17	ug/L	97
63) 1,4-Dichlorobenzene	11.845	146	97444	5.18	ug/L	98
65) 1,2-Dichlorobenzene	12.221	146	93311	5.14	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.005	75	7975	5.23	ug/L	86
67) 1,3,5-Trichlorobenzene	13.227	180	84447	5.16	ug/L	98
68) 1,2,4-trichlorobenzene	13.851	180	71481	5.28	ug/L	99
69) Naphthalene	14.095	128	114912	5.22	ug/L	99
70) 1,2,3-Trichlorobenzene	14.340	180	64644	5.26	ug/L	99

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

