

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031921\
 Data File : VU042749.D
 Acq On : 20 Mar 2021 03:15
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00510

Quant Time: Mar 20 06:50:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 20 06:44:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	74549	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	76246	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	42149	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	25203	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.919	69	20178	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	2.575	63	58030	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.40%
20) 2-Butanone-d5	4.649	46	64715	39.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.32%
24) Chloroform-d	5.073	84	51042	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.713	65	30013	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.735	84	90425	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.700	67	28848	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.906	98	88607	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloroprop...	8.189	79	12248	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.645	63	65938	48.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.76%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	27433	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	12.198	152	36763	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	32157	4.63	ug/L	100
3) Chloromethane	1.523	50	29751	4.53	ug/L	100
5) Vinyl chloride	1.607	62	31370	4.76	ug/L	99
6) Bromomethane	1.864	94	18318	5.03	ug/L	99
8) Chloroethane	1.941	64	20255	5.14	ug/L	100
9) Trichlorofluoromethane	2.144	101	56663	5.26	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	28404	5.02	ug/L	96
12) 1,1-Dichloroethene	2.588	96	26075	4.96	ug/L	89
13) Acetone	2.658	43	37057	29.47	ug/L	100
14) Carbon disulfide	2.800	76	66133	3.95	ug/L	100
15) Methyl Acetate	2.964	43	12697	4.06	ug/L	97
16) Methylene chloride	3.054	84	29860	4.75	ug/L	95
17) Methyl tert-butyl Ether	3.372	73	70624	4.78	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	25733	4.66	ug/L	97
19) 1,1-Dichloroethane	3.880	63	55372	5.20	ug/L	96
21) 2-Butanone	4.726	43	83488	39.06	ug/L	97
22) cis-1,2-Dichloroethene	4.677	96	29759	5.04	ug/L	94
23) Bromochloromethane	4.980	128	14305	5.09	ug/L	84
25) Chloroform	5.099	83	58337	5.21	ug/L	98

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

27) 1,2-Dichloroethane	5.803	62	43250	5.15	ug/L #	95
29) 1,1,1-Trichloroethane	5.327	97	50860	4.80	ug/L	95
30) Cyclohexane	5.398	56	44281	4.18	ug/L	98
31) Carbon tetrachloride	5.533	117	44486	4.76	ug/L	100
33) Benzene	5.784	78	114468	4.80	ug/L	100
34) Trichloroethene	6.549	95	29725	4.49	ug/L	97
35) Methylcyclohexane	6.771	83	41532	4.13	ug/L	98
37) 1,2-Dichloropropane	6.800	63	31899	4.95	ug/L	98
38) Bromodichloromethane	7.115	83	42110	5.01	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	41103	4.38	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	291815	51.97	ug/L	95
42) Toluene	7.976	91	127899	4.92	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	39094	4.52	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	24390	5.13	ug/L	95
47) Tetrachloroethene	8.558	164	25087	4.65	ug/L	98
48) 2-Hexanone	8.693	43	218405	52.72	ug/L	95
49) Dibromochloromethane	8.819	129	30674	5.16	ug/L	99
50) 1,2-Dibromoethane	8.931	107	24388	5.21	ug/L #	97
51) Chlorobenzene	9.452	112	81606	4.91	ug/L	99
52) Ethylbenzene	9.578	91	140139	4.78	ug/L	99
53) m,p-Xylene	9.700	106	52056	4.80	ug/L	100
54) o-Xylene	10.108	106	50757	4.83	ug/L	95
55) Styrene	10.121	104	91640	5.13	ug/L	99
56) Isopropylbenzene	10.491	105	139873	4.84	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	32699	5.14	ug/L	99
59) 1,2,3-Trichloropropane	10.832	75	25578	5.28	ug/L	97
61) Bromoform	10.298	173	18770	4.93	ug/L	98
62) 1,3-Dichlorobenzene	11.751	146	71640	4.92	ug/L	99
63) 1,4-Dichlorobenzene	11.844	146	70222	4.84	ug/L	98
65) 1,2-Dichlorobenzene	12.217	146	69869	4.99	ug/L	98
66) 1,2-Dibromo-3-chloropr...	13.005	75	5554	4.72	ug/L	95
67) 1,3,5-Trichlorobenzene	13.224	180	56795	4.51	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	48035	4.60	ug/L	97
69) Naphthalene	14.095	128	77398	4.57	ug/L	98
70) 1,2,3-Trichlorobenzene	14.336	180	45496	4.81	ug/L	100

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

