

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031921\
 Data File : VU042733.D
 Acq On : 19 Mar 2021 20:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00509

Quant Time: Mar 20 05:54:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 20 05:47:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	76493	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	75844	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	42191	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25120	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.919	69	19429	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.578	63	56855	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.80%
20) 2-Butanone-d5	4.645	46	66347	39.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.26%
24) Chloroform-d	5.076	84	49431	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.710	65	30790	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.735	84	87572	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.700	67	28607	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.906	98	88207	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloroprop...	8.185	79	12188	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.642	63	65568	48.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.72%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	26906	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.198	152	35526	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	32695	4.59	ug/L	100
3) Chloromethane	1.523	50	30395	4.51	ug/L	97
5) Vinyl chloride	1.607	62	32234	4.76	ug/L	96
6) Bromomethane	1.864	94	18737	5.02	ug/L	97
8) Chloroethane	1.941	64	19888	4.92	ug/L	97
9) Trichlorofluoromethane	2.144	101	57206	5.18	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	28722	4.95	ug/L	96
12) 1,1-Dichloroethene	2.588	96	25856	4.80	ug/L	89
13) Acetone	2.662	43	41565	32.22	ug/L	97
14) Carbon disulfide	2.800	76	66723	3.89	ug/L	99
15) Methyl Acetate	2.970	43	15794	4.92	ug/L #	86
16) Methylene chloride	3.054	84	29992	4.65	ug/L	98
17) Methyl tert-butyl Ether	3.375	73	69952	4.61	ug/L	100
18) trans-1,2-Dichloroethene	3.362	96	26693	4.71	ug/L	95
19) 1,1-Dichloroethane	3.880	63	54214	4.96	ug/L	99
21) 2-Butanone	4.729	43	81116	36.98	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	28704	4.74	ug/L	98
23) Bromochloromethane	4.983	128	14342	4.98	ug/L	94
25) Chloroform	5.099	83	58681	5.11	ug/L	99

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

27) 1,2-Dichloroethane	5.803	62	43283	5.02	ug/L #	94
29) 1,1,1-Trichloroethane	5.327	97	51666	4.90	ug/L	97
30) Cyclohexane	5.398	56	45108	4.28	ug/L	98
31) Carbon tetrachloride	5.533	117	44021	4.73	ug/L	99
33) Benzene	5.784	78	115047	4.85	ug/L	100
34) Trichloroethene	6.549	95	31180	4.74	ug/L	96
35) Methylcyclohexane	6.771	83	42387	4.24	ug/L	97
37) 1,2-Dichloropropane	6.800	63	32778	5.12	ug/L #	97
38) Bromodichloromethane	7.115	83	42350	5.07	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	40669	4.36	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	297071	53.18	ug/L	95
42) Toluene	7.976	91	127191	4.91	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	40719	4.73	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	25030	5.30	ug/L	93
47) Tetrachloroethene	8.558	164	24857	4.63	ug/L	97
48) 2-Hexanone	8.693	43	217972	52.89	ug/L	96
49) Dibromochloromethane	8.819	129	30571	5.17	ug/L	98
50) 1,2-Dibromoethane	8.931	107	23702	5.09	ug/L	94
51) Chlorobenzene	9.452	112	81470	4.92	ug/L	99
52) Ethylbenzene	9.578	91	139200	4.77	ug/L	98
53) m,p-Xylene	9.700	106	52891	4.90	ug/L	99
54) o-Xylene	10.108	106	50933	4.87	ug/L	96
55) Styrene	10.121	104	91045	5.13	ug/L	98
56) Isopropylbenzene	10.491	105	141254	4.92	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.790	83	33101	5.23	ug/L	96
59) 1,2,3-Trichloropropane	10.832	75	24521	5.09	ug/L	98
61) Bromoform	10.298	173	18773	4.93	ug/L	98
62) 1,3-Dichlorobenzene	11.751	146	71402	4.90	ug/L	99
63) 1,4-Dichlorobenzene	11.844	146	72123	4.97	ug/L	97
65) 1,2-Dichlorobenzene	12.217	146	71661	5.12	ug/L	97
66) 1,2-Dibromo-3-chloropr...	13.005	75	5558	4.72	ug/L	97
67) 1,3,5-Trichlorobenzene	13.227	180	56937	4.51	ug/L	98
68) 1,2,4-trichlorobenzene	13.848	180	46355	4.44	ug/L	100
69) Naphthalene	14.095	128	78302	4.61	ug/L	98
70) 1,2,3-Trichlorobenzene	14.336	180	45483	4.80	ug/L	98

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

