

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030421\
 Data File : VU042494.D
 Acq On : 04 Mar 2021 19:00
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00517

Quant Time: Mar 05 00:38:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 05 00:31:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	96526	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	93729	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	50711	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	28708	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.919	69	23103	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.575	63	66099	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.00%
20) 2-Butanone-d5	4.646	46	91775	43.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.88%
24) Chloroform-d	5.073	84	60298	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.713	65	37928	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.736	84	105529	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.700	67	35233	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.906	98	107001	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloroprop...	8.189	79	15859	4.58	ug/L	0.00
46) 2-Hexanone-d5	8.642	63	81071	48.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.78%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	33628	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	12.202	152	43722	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	43551	4.85	ug/L	99
3) Chloromethane	1.524	50	39651	4.66	ug/L	98
5) Vinyl chloride	1.607	62	40464	4.74	ug/L	99
6) Bromomethane	1.864	94	22864	4.85	ug/L	100
8) Chloroethane	1.938	64	24949	4.89	ug/L	97
9) Trichlorofluoromethane	2.144	101	68350	4.90	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	34201	4.67	ug/L	94
12) 1,1-Dichloroethene	2.588	96	32560	4.79	ug/L	96
13) Acetone	2.655	43	65096	39.98	ug/L	96
14) Carbon disulfide	2.800	76	99475	4.59	ug/L	100
15) Methyl Acetate	2.964	43	16941	4.18	ug/L	97
16) Methylene chloride	3.054	84	35643	4.38	ug/L	99
17) Methyl tert-butyl Ether	3.372	73	90846	4.75	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	32634	4.56	ug/L	99
19) 1,1-Dichloroethane	3.880	63	65825	4.77	ug/L	100
21) 2-Butanone	4.723	43	122533	44.27	ug/L	94
22) cis-1,2-Dichloroethene	4.675	96	36475	4.77	ug/L	100
23) Bromochloromethane	4.983	128	17721	4.87	ug/L	97
25) Chloroform	5.099	83	68552	4.73	ug/L	97
27) 1,2-Dichloroethane	5.806	62	53943	4.96	ug/L #	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.327	97	62719	4.81	ug/L	98
30) Cyclohexane	5.398	56	60774	4.67	ug/L	98
31) Carbon tetrachloride	5.533	117	54457	4.74	ug/L	100
33) Benzene	5.784	78	141335	4.82	ug/L	100
34) Trichloroethene	6.549	95	36504	4.49	ug/L	99
35) Methylcyclohexane	6.771	83	58931	4.76	ug/L	97
37) 1,2-Dichloropropane	6.800	63	38119	4.81	ug/L	99
38) Bromodichloromethane	7.115	83	50044	4.84	ug/L	99
39) cis-1,3-Dichloropropene	7.617	75	53636	4.65	ug/L	97
40) 4-Methyl-2-pentanone	7.800	43	338032	48.97	ug/L	97
42) Toluene	7.977	91	154135	4.82	ug/L	97
44) trans-1,3-Dichloropropene	8.218	75	50944	4.79	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	28094	4.81	ug/L	95
47) Tetrachloroethene	8.562	164	31517	4.75	ug/L	96
48) 2-Hexanone	8.694	43	247123	48.52	ug/L	98
49) Dibromochloromethane	8.819	129	36858	5.04	ug/L	99
50) 1,2-Dibromoethane	8.932	107	29483	5.12	ug/L	99
51) Chlorobenzene	9.452	112	97339	4.76	ug/L	99
52) Ethylbenzene	9.578	91	171227	4.75	ug/L	99
53) m,p-Xylene	9.700	106	63758	4.78	ug/L	97
54) o-Xylene	10.108	106	62812	4.86	ug/L	97
55) Styrene	10.121	104	107168	4.88	ug/L	100
56) Isopropylbenzene	10.491	105	172735	4.87	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	38569	4.93	ug/L	98
59) 1,2,3-Trichloropropane	10.832	75	29613	4.98	ug/L	98
61) Bromoform	10.298	173	22937	5.01	ug/L	99
62) 1,3-Dichlorobenzene	11.755	146	82238	4.70	ug/L	100
63) 1,4-Dichlorobenzene	11.845	146	83919	4.81	ug/L	98
65) 1,2-Dichlorobenzene	12.218	146	81794	4.86	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.005	75	6926	4.89	ug/L	87
67) 1,3,5-Trichlorobenzene	13.227	180	68188	4.50	ug/L	98
68) 1,2,4-trichlorobenzene	13.848	180	56009	4.46	ug/L	99
69) Naphthalene	14.095	128	91852	4.50	ug/L	99
70) 1,2,3-Trichlorobenzene	14.336	180	52068	4.57	ug/L	98

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

