

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032221\
 Data File : VU042761.D
 Acq On : 22 Mar 2021 15:11
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00512

Quant Time: Mar 23 07:19:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 23 07:16:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	82887	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	86064	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	46726	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23763	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.919	69	20848	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.575	63	56442	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.40%
20) 2-Butanone-d5	4.649	46	89888	49.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.08%
24) Chloroform-d	5.076	84	53239	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.713	65	30849	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.739	84	92667	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.700	67	30609	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.906	98	90433	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloroprop...	8.189	79	13454	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.645	63	65655	43.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.24%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	27542	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	37748	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	33461	4.34	ug/L	100
3) Chloromethane	1.523	50	31590	4.33	ug/L	100
5) Vinyl chloride	1.607	62	32739	4.46	ug/L	98
6) Bromomethane	1.864	94	21156	5.23	ug/L	99
8) Chloroethane	1.941	64	22234	5.08	ug/L	99
9) Trichlorofluoromethane	2.144	101	61810	5.16	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	31495	5.01	ug/L	97
12) 1,1-Dichloroethene	2.588	96	27332	4.68	ug/L	93
13) Acetone	2.652	43	59556	42.60	ug/L	98
14) Carbon disulfide	2.800	76	69800	3.75	ug/L	98
15) Methyl Acetate	2.964	43	13322	3.83	ug/L	97
16) Methylene chloride	3.054	84	31257	4.47	ug/L	97
17) Methyl tert-butyl Ether	3.375	73	75333	4.59	ug/L	97
18) trans-1,2-Dichloroethene	3.363	96	27812	4.53	ug/L	98
19) 1,1-Dichloroethane	3.880	63	59379	5.01	ug/L	96
21) 2-Butanone	4.726	43	97892	41.19	ug/L	100
22) cis-1,2-Dichloroethene	4.678	96	31438	4.79	ug/L	97
23) Bromochloromethane	4.986	128	15426	4.94	ug/L	88
25) Chloroform	5.099	83	64485	5.18	ug/L	97

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

27) 1,2-Dichloroethane	5.806	62	47341	5.07	ug/L #	95
29) 1,1,1-Trichloroethane	5.327	97	56108	4.69	ug/L	97
30) Cyclohexane	5.398	56	47475	3.97	ug/L	97
31) Carbon tetrachloride	5.536	117	47706	4.52	ug/L	96
33) Benzene	5.784	78	124449	4.62	ug/L	100
34) Trichloroethene	6.552	95	33967	4.55	ug/L	99
35) Methylcyclohexane	6.774	83	47853	4.21	ug/L	98
37) 1,2-Dichloropropane	6.800	63	35637	4.90	ug/L	98
38) Bromodichloromethane	7.115	83	47177	4.97	ug/L	93
39) cis-1,3-Dichloropropene	7.616	75	48517	4.58	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	301777	47.61	ug/L	96
42) Toluene	7.980	91	139191	4.74	ug/L	95
44) trans-1,3-Dichloropropene	8.221	75	44569	4.56	ug/L	99
45) 1,1,2-Trichloroethane	8.411	97	25360	4.73	ug/L	94
47) Tetrachloroethene	8.562	164	27182	4.47	ug/L	98
48) 2-Hexanone	8.697	43	221754	47.42	ug/L	95
49) Dibromochloromethane	8.819	129	33038	4.92	ug/L	96
50) 1,2-Dibromoethane	8.935	107	25765	4.87	ug/L	100
51) Chlorobenzene	9.456	112	89244	4.75	ug/L	99
52) Ethylbenzene	9.581	91	153553	4.64	ug/L	100
53) m,p-Xylene	9.703	106	57805	4.72	ug/L	99
54) o-Xylene	10.108	106	56698	4.78	ug/L	98
55) Styrene	10.124	104	99323	4.93	ug/L	99
56) Isopropylbenzene	10.494	105	156086	4.79	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.793	83	34248	4.77	ug/L	97
59) 1,2,3-Trichloropropane	10.832	75	26314	4.82	ug/L	97
61) Bromoform	10.301	173	20397	4.84	ug/L	99
62) 1,3-Dichlorobenzene	11.754	146	78940	4.89	ug/L	98
63) 1,4-Dichlorobenzene	11.845	146	79470	4.95	ug/L	99
65) 1,2-Dichlorobenzene	12.221	146	75971	4.90	ug/L	98
66) 1,2-Dibromo-3-chloropr...	13.008	75	6127	4.70	ug/L	92
67) 1,3,5-Trichlorobenzene	13.227	180	65465	4.69	ug/L	99
68) 1,2,4-trichlorobenzene	13.851	180	51235	4.43	ug/L	98
69) Naphthalene	14.095	128	81535	4.34	ug/L	99
70) 1,2,3-Trichlorobenzene	14.340	180	48532	4.62	ug/L	98

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

