

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020821\
 Data File : VU042286.D
 Acq On : 08 Feb 2021 10:09
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00510

Quant Time: Feb 09 00:14:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 05 02:23:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	98503	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	93976	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	51002	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.601	65	28199	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.919	69	24357	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.575	63	70548	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.80%
20) 2-Butanone-d5	4.645	46	126461	54.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.08%
24) Chloroform-d	5.076	84	69591	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.713	65	40701	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.739	84	122658	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.700	67	40117	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.906	98	113556	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloroprop...	8.189	79	18564	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.645	63	88619	50.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.46%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	34967	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	45412	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.388	85	41790	4.51	ug/L 100
3) Chloromethane	1.523	50	37617	4.55	ug/L 96
5) Vinyl chloride	1.607	62	37544	4.74	ug/L 100
6) Bromomethane	1.864	94	21031	4.48	ug/L 100
8) Chloroethane	1.938	64	21816	4.74	ug/L 98
9) Trichlorofluoromethane	2.144	101	58807	5.47	ug/L 100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	36286	5.22	ug/L 98
12) 1,1-Dichloroethene	2.588	96	32634	4.89	ug/L 90
13) Acetone	2.655	43	86461	55.98	ug/L 86
14) Carbon disulfide	2.800	76	99982	4.51	ug/L 100
15) Methyl Acetate	2.967	43	18164	4.99	ug/L 95
16) Methylene chloride	3.054	84	35313	4.49	ug/L 98
17) Methyl tert-butyl Ether	3.375	73	95603	4.95	ug/L 99
18) trans-1,2-Dichloroethene	3.363	96	34145	4.81	ug/L 97
19) 1,1-Dichloroethane	3.880	63	69533	5.30	ug/L 96
21) 2-Butanone	4.726	43	141277	54.61	ug/L 94
22) cis-1,2-Dichloroethene	4.678	96	37275	4.92	ug/L 98
23) Bromochloromethane	4.986	128	17920	5.12	ug/L 94
25) Chloroform	5.099	83	69941	5.17	ug/L 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	51735	5.39	ug/L	95
29) 1,1,1-Trichloroethane	5.327	97	65574	5.29	ug/L	98
30) Cyclohexane	5.398	56	64589	4.85	ug/L	98
31) Carbon tetrachloride	5.536	117	56098	5.14	ug/L	99
33) Benzene	5.784	78	143607	5.19	ug/L	100
34) Trichloroethene	6.552	95	39488	5.29	ug/L	98
35) Methylcyclohexane	6.774	83	62172	4.97	ug/L	98
37) 1,2-Dichloropropane	6.800	63	39738	5.45	ug/L	98
38) Bromodichloromethane	7.115	83	51669	5.13	ug/L	100
39) cis-1,3-Dichloropropene	7.616	75	61680	5.15	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	332902	53.44	ug/L	98
42) Toluene	7.980	91	155382	5.19	ug/L	97
44) trans-1,3-Dichloropropene	8.221	75	54530	4.97	ug/L	98
45) 1,1,2-Trichloroethane	8.411	97	28203	5.23	ug/L	93
47) Tetrachloroethene	8.562	164	31117	5.02	ug/L	96
48) 2-Hexanone	8.697	43	247135	57.06	ug/L	97
49) Dibromochloromethane	8.819	129	36856	5.14	ug/L	93
50) 1,2-Dibromoethane	8.935	107	28273	5.08	ug/L	98
51) Chlorobenzene	9.456	112	98147	5.13	ug/L	99
52) Ethylbenzene	9.578	91	174309	5.08	ug/L	100
53) m,p-Xylene	9.703	106	65529	5.10	ug/L	100
54) o-Xylene	10.108	106	64738	5.19	ug/L	98
55) Styrene	10.124	104	107430	5.01	ug/L	97
56) Isopropylbenzene	10.494	105	174234	5.06	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.793	83	37289	5.42	ug/L	96
59) 1,2,3-Trichloropropane	10.832	75	27253	5.30	ug/L	98
61) Bromoform	10.301	173	22907	4.97	ug/L	98
62) 1,3-Dichlorobenzene	11.754	146	82002	5.15	ug/L	98
63) 1,4-Dichlorobenzene	11.845	146	81001	5.09	ug/L	97
65) 1,2-Dichlorobenzene	12.221	146	79348	5.36	ug/L	100
66) 1,2-Dibromo-3-chloropr...	13.005	75	7099	5.37	ug/L	96
67) 1,3,5-Trichlorobenzene	13.227	180	68737	5.40	ug/L	99
68) 1,2,4-trichlorobenzene	13.851	180	56814	5.64	ug/L	99
69) Naphthalene	14.095	128	93534	6.35	ug/L	99
70) 1,2,3-Trichlorobenzene	14.340	180	51706	5.80	ug/L	100

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

