

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012121\
 Data File : VU042138.D
 Acq On : 21 Jan 2021 09:55
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00522

Quant Time: Jan 22 02:36:54 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 21 06:00:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	117403	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	109401	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	59352	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.601	65	35158	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.919	69	28357	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.575	63	81238	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	4.649	46	123232	44.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.18%
24) Chloroform-d	5.073	84	77277	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.713	65	45802	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.735	84	139355	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.700	67	45308	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.906	98	128655	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloroprop...	8.189	79	22631	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.645	63	104705	51.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.98%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	40124	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	12.205	152	53209	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.385	85	57372	5.19	ug/L 99
3) Chloromethane	1.523	50	50294	5.10	ug/L 98
5) Vinyl chloride	1.607	62	47867	5.07	ug/L 99
6) Bromomethane	1.861	94	26762	4.78	ug/L 98
8) Chloroethane	1.938	64	28777	5.25	ug/L 96
9) Trichlorofluoromethane	2.144	101	66878	5.22	ug/L 100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	42462	5.13	ug/L 97
12) 1,1-Dichloroethene	2.588	96	40547	5.10	ug/L 99
13) Acetone	2.658	43	76106	41.35	ug/L 99
14) Carbon disulfide	2.800	76	135996	5.15	ug/L 100
15) Methyl Acetate	2.964	43	21549	4.96	ug/L 99
16) Methylene chloride	3.054	84	45290	4.83	ug/L 98
17) Methyl tert-butyl Ether	3.372	73	115593	5.02	ug/L 99
18) trans-1,2-Dichloroethene	3.362	96	42333	5.00	ug/L 98
19) 1,1-Dichloroethane	3.880	63	81665	5.22	ug/L 98
21) 2-Butanone	4.726	43	156816	50.86	ug/L 98
22) cis-1,2-Dichloroethene	4.674	96	46070	5.10	ug/L 97
23) Bromochloromethane	4.983	128	21308	5.11	ug/L 96
25) Chloroform	5.099	83	81731	5.06	ug/L 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	58367	5.10	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	75841	5.26	ug/L	99
30) Cyclohexane	5.398	56	81087	5.23	ug/L	99
31) Carbon tetrachloride	5.533	117	67192	5.29	ug/L	100
33) Benzene	5.784	78	172620	5.36	ug/L	100
34) Trichloroethene	6.549	95	46702	5.38	ug/L	99
35) Methylcyclohexane	6.771	83	75968	5.22	ug/L	99
37) 1,2-Dichloropropane	6.800	63	45087	5.32	ug/L	100
38) Bromodichloromethane	7.115	83	62261	5.31	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	73472	5.27	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	392637	54.14	ug/L	99
42) Toluene	7.976	91	183316	5.26	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	66178	5.18	ug/L	98
45) 1,1,2-Trichloroethane	8.411	97	33568	5.35	ug/L	98
47) Tetrachloroethene	8.562	164	38951	5.40	ug/L	95
48) 2-Hexanone	8.697	43	287596	57.04	ug/L	98
49) Dibromochloromethane	8.819	129	43433	5.21	ug/L	94
50) 1,2-Dibromoethane	8.935	107	33963	5.24	ug/L	98
51) Chlorobenzene	9.456	112	115705	5.19	ug/L	100
52) Ethylbenzene	9.578	91	207023	5.18	ug/L	99
53) m,p-Xylene	9.703	106	77997	5.21	ug/L	95
54) o-Xylene	10.108	106	76792	5.29	ug/L	100
55) Styrene	10.124	104	130159	5.21	ug/L	98
56) Isopropylbenzene	10.494	105	206044	5.14	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.793	83	42462	5.30	ug/L	99
59) 1,2,3-Trichloropropane	10.832	75	32380	5.41	ug/L	98
61) Bromoform	10.301	173	28470	5.30	ug/L	98
62) 1,3-Dichlorobenzene	11.754	146	96117	5.19	ug/L	100
63) 1,4-Dichlorobenzene	11.844	146	95457	5.15	ug/L	98
65) 1,2-Dichlorobenzene	12.224	146	91265	5.30	ug/L	100
66) 1,2-Dibromo-3-chloropr...	13.008	75	8414	5.47	ug/L	97
67) 1,3,5-Trichlorobenzene	13.230	180	77559	5.23	ug/L	100
68) 1,2,4-trichlorobenzene	13.851	180	63570	5.42	ug/L	100
69) Naphthalene	14.095	128	107902	6.29	ug/L	99
70) 1,2,3-Trichlorobenzene	14.340	180	58283	5.61	ug/L	99

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

