

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042136.D
 Acq On : 21 Jan 2021 04:22
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00521

Quant Time: Jan 21 06:07:40 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	115299	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	107880	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	58825	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	34874	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.916	69	27706	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.575	63	81431	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.40%
20) 2-Butanone-d5	4.649	46	144021	53.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.14%
24) Chloroform-d	5.073	84	75889	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.710	65	45543	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.735	84	137332	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.697	67	45547	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.906	98	126247	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloroprop...	8.189	79	21387	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.642	63	102749	51.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.48%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	39256	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	51035	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	55619	5.12	ug/L	99
3) Chloromethane	1.520	50	50741	5.24	ug/L	100
5) Vinyl chloride	1.607	62	48227	5.20	ug/L	100
6) Bromomethane	1.861	94	27117	4.93	ug/L	98
8) Chloroethane	1.938	64	28435	5.28	ug/L	97
9) Trichlorofluoromethane	2.144	101	66400	5.28	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	41591	5.11	ug/L	98
12) 1,1-Dichloroethene	2.584	96	39313	5.03	ug/L	89
13) Acetone	2.661	43	96959	53.64	ug/L	99
14) Carbon disulfide	2.800	76	133732	5.16	ug/L	100
15) Methyl Acetate	2.967	43	24881	5.83	ug/L	98
16) Methylene chloride	3.054	84	54328	5.90	ug/L	98
17) Methyl tert-butyl Ether	3.372	73	118711	5.25	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	42128	5.07	ug/L	98
19) 1,1-Dichloroethane	3.877	63	81655	5.32	ug/L	99
21) 2-Butanone	4.729	43	167167	55.21	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	46596	5.26	ug/L	99
23) Bromochloromethane	4.983	128	21235	5.18	ug/L	91
25) Chloroform	5.099	83	82167	5.18	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	59881	5.33	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	76837	5.40	ug/L	99
30) Cyclohexane	5.398	56	80629	5.28	ug/L	99
31) Carbon tetrachloride	5.533	117	67405	5.38	ug/L	99
33) Benzene	5.784	78	171575	5.40	ug/L	100
34) Trichloroethene	6.549	95	45701	5.34	ug/L	97
35) Methylcyclohexane	6.771	83	73596	5.12	ug/L	99
37) 1,2-Dichloropropane	6.800	63	45862	5.48	ug/L	99
38) Bromodichloromethane	7.115	83	61348	5.31	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	70695	5.14	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	399793	55.91	ug/L	99
42) Toluene	7.976	91	183965	5.35	ug/L	100
44) trans-1,3-Dichloropropene	8.217	75	62918	4.99	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	33527	5.42	ug/L	98
47) Tetrachloroethene	8.562	164	37911	5.33	ug/L	98
48) 2-Hexanone	8.693	43	286793	57.68	ug/L	99
49) Dibromochloromethane	8.819	129	43044	5.23	ug/L	96
50) 1,2-Dibromoethane	8.931	107	34189	5.35	ug/L	99
51) Chlorobenzene	9.455	112	114300	5.20	ug/L	99
52) Ethylbenzene	9.578	91	204851	5.20	ug/L	99
53) m,p-Xylene	9.700	106	76953	5.22	ug/L	98
54) o-Xylene	10.108	106	75890	5.30	ug/L	97
55) Styrene	10.121	104	127181	5.16	ug/L	100
56) Isopropylbenzene	10.491	105	204731	5.18	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.790	83	42179	5.34	ug/L	96
59) 1,2,3-Trichloropropane	10.832	75	32658	5.53	ug/L	99
61) Bromoform	10.301	173	27505	5.17	ug/L	100
62) 1,3-Dichlorobenzene	11.754	146	94262	5.13	ug/L	100
63) 1,4-Dichlorobenzene	11.844	146	93086	5.07	ug/L	99
65) 1,2-Dichlorobenzene	12.221	146	91228	5.35	ug/L	98
66) 1,2-Dibromo-3-chloropr...	13.005	75	8329	5.47	ug/L	99
67) 1,3,5-Trichlorobenzene	13.227	180	74600	5.08	ug/L	98
68) 1,2,4-trichlorobenzene	13.847	180	61703	5.31	ug/L	100
69) Naphthalene	14.095	128	110462	6.50	ug/L	100
70) 1,2,3-Trichlorobenzene	14.339	180	57231	5.56	ug/L	98

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

