

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021221\
 Data File : VU042319.D
 Acq On : 12 Feb 2021 17:14
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00517

Quant Time: Feb 12 21:51:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 12 21:47:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	98732	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	92748	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	50713	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	26432	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.919	69	23713	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.578	63	68544	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.80%
20) 2-Butanone-d5	4.645	46	132419	56.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.96%
24) Chloroform-d	5.073	84	69427	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.710	65	42173	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.735	84	120315	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.700	67	41576	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.906	98	110190	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloroprop...	8.186	79	17646	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.645	63	95455	55.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.74%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	36961	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.40%
64) 1,2-Dichlorobenzene-d4	12.201	152	47262	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	38673	4.16	ug/L	99
3) Chloromethane	1.523	50	36751	4.43	ug/L	98
5) Vinyl chloride	1.607	62	38241	4.81	ug/L	100
6) Bromomethane	1.864	94	22273	4.73	ug/L	97
8) Chloroethane	1.941	64	22395	4.86	ug/L	100
9) Trichlorofluoromethane	2.144	101	60998	5.66	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	35347	5.08	ug/L	96
12) 1,1-Dichloroethene	2.588	96	32315	4.83	ug/L	88
13) Acetone	2.658	43	69507	44.90	ug/L	88
14) Carbon disulfide	2.800	76	96192	4.33	ug/L	99
15) Methyl Acetate	2.964	43	16563	4.54	ug/L	95
16) Methylene chloride	3.054	84	36297	4.61	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	97532	5.04	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	33694	4.73	ug/L	98
19) 1,1-Dichloroethane	3.880	63	69758	5.30	ug/L	97
21) 2-Butanone	4.726	43	143040	55.16	ug/L	91
22) cis-1,2-Dichloroethene	4.678	96	38118	5.02	ug/L	98
23) Bromochloromethane	4.986	128	18324	5.22	ug/L	94
25) Chloroform	5.099	83	72244	5.32	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	54725	5.69	ug/L	95
29) 1,1,1-Trichloroethane	5.327	97	64794	5.30	ug/L	97
30) Cyclohexane	5.398	56	62234	4.74	ug/L	99
31) Carbon tetrachloride	5.533	117	56076	5.21	ug/L	100
33) Benzene	5.784	78	144479	5.29	ug/L	100
34) Trichloroethene	6.549	95	39358	5.35	ug/L	99
35) Methylcyclohexane	6.771	83	59748	4.84	ug/L	97
37) 1,2-Dichloropropane	6.800	63	39741	5.53	ug/L	99
38) Bromodichloromethane	7.115	83	51837	5.22	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	57714	4.88	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	349246	56.81	ug/L	97
42) Toluene	7.977	91	156653	5.30	ug/L	94
44) trans-1,3-Dichloropropene	8.218	75	53827	4.97	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	28603	5.38	ug/L	93
47) Tetrachloroethene	8.558	164	30922	5.05	ug/L	98
48) 2-Hexanone	8.697	43	258017	60.36	ug/L	96
49) Dibromochloromethane	8.819	129	36772	5.20	ug/L	98
50) 1,2-Dibromoethane	8.931	107	29524	5.38	ug/L	98
51) Chlorobenzene	9.456	112	99214	5.25	ug/L	99
52) Ethylbenzene	9.578	91	173663	5.13	ug/L	100
53) m,p-Xylene	9.700	106	64435	5.08	ug/L	95
54) o-Xylene	10.108	106	64427	5.24	ug/L	96
55) Styrene	10.121	104	107910	5.10	ug/L	100
56) Isopropylbenzene	10.491	105	173574	5.11	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	38129	5.61	ug/L	97
59) 1,2,3-Trichloropropane	10.832	75	28758	5.67	ug/L	98
61) Bromoform	10.298	173	22905	5.00	ug/L	98
62) 1,3-Dichlorobenzene	11.755	146	80648	5.10	ug/L	98
63) 1,4-Dichlorobenzene	11.845	146	81415	5.14	ug/L	100
65) 1,2-Dichlorobenzene	12.221	146	79111	5.38	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.005	75	7152	5.44	ug/L	92
67) 1,3,5-Trichlorobenzene	13.227	180	65523	5.18	ug/L	98
68) 1,2,4-trichlorobenzene	13.848	180	54172	5.41	ug/L	99
69) Naphthalene	14.095	128	90970	6.21	ug/L	99
70) 1,2,3-Trichlorobenzene	14.340	180	50764	5.72	ug/L	98

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

