

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021221\
 Data File : VU042310.D
 Acq On : 12 Feb 2021 09:47
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00516

Quant Time: Feb 12 21:44:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 11 00:32:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	105627	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	101701	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	56170	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	27831	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.919	69	26024	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.578	63	73294	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.60%
20) 2-Butanone-d5	4.645	46	149125	59.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.96%
24) Chloroform-d	5.073	84	75693	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.713	65	46098	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.739	84	130632	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.700	67	44183	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.906	98	120880	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloroprop...	8.189	79	19956	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.645	63	106840	56.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.02%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	41197	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	51683	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	42911	4.31	ug/L	99
3) Chloromethane	1.523	50	40043	4.52	ug/L	98
5) Vinyl chloride	1.607	62	40113	4.72	ug/L	99
6) Bromomethane	1.864	94	24106	4.79	ug/L	98
8) Chloroethane	1.941	64	24409	4.95	ug/L	100
9) Trichlorofluoromethane	2.144	101	64595	5.60	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	38706	5.20	ug/L	97
12) 1,1-Dichloroethene	2.588	96	34787	4.86	ug/L	89
13) Acetone	2.655	43	88382	53.37	ug/L	85
14) Carbon disulfide	2.800	76	105779	4.45	ug/L	98
15) Methyl Acetate	2.967	43	20146	5.16	ug/L	97
16) Methylene chloride	3.057	84	38902	4.61	ug/L	98
17) Methyl tert-butyl Ether	3.372	73	106201	5.13	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	36595	4.80	ug/L	98
19) 1,1-Dichloroethane	3.883	63	75803	5.39	ug/L	96
21) 2-Butanone	4.726	43	159592	57.53	ug/L	92
22) cis-1,2-Dichloroethene	4.678	96	40443	4.98	ug/L	96
23) Bromochloromethane	4.983	128	19429	5.18	ug/L	# 88
25) Chloroform	5.099	83	77634	5.35	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	58035	5.64	ug/L	96
29) 1,1,1-Trichloroethane	5.327	97	71048	5.30	ug/L	98
30) Cyclohexane	5.398	56	67983	4.72	ug/L	99
31) Carbon tetrachloride	5.536	117	60693	5.14	ug/L	99
33) Benzene	5.784	78	154849	5.17	ug/L	100
34) Trichloroethene	6.552	95	42185	5.23	ug/L	98
35) Methylcyclohexane	6.774	83	66170	4.89	ug/L	98
37) 1,2-Dichloropropane	6.800	63	42718	5.42	ug/L	99
38) Bromodichloromethane	7.115	83	56949	5.23	ug/L	95
39) cis-1,3-Dichloropropene	7.616	75	67301	5.19	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	384446	57.03	ug/L	97
42) Toluene	7.980	91	167331	5.16	ug/L	97
44) trans-1,3-Dichloropropene	8.221	75	61058	5.14	ug/L	99
45) 1,1,2-Trichloroethane	8.411	97	31920	5.47	ug/L	96
47) Tetrachloroethene	8.562	164	33660	5.02	ug/L	99
48) 2-Hexanone	8.697	43	279776	59.69	ug/L	97
49) Dibromochloromethane	8.819	129	40918	5.28	ug/L	95
50) 1,2-Dibromoethane	8.935	107	32227	5.35	ug/L	98
51) Chlorobenzene	9.456	112	106361	5.13	ug/L	99
52) Ethylbenzene	9.581	91	189435	5.10	ug/L	100
53) m,p-Xylene	9.703	106	70574	5.07	ug/L	98
54) o-Xylene	10.108	106	69184	5.13	ug/L	94
55) Styrene	10.124	104	118325	5.10	ug/L	99
56) Isopropylbenzene	10.494	105	190873	5.12	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.793	83	41179	5.53	ug/L	100
59) 1,2,3-Trichloropropane	10.832	75	31966	5.74	ug/L	98
61) Bromoform	10.301	173	25504	5.02	ug/L	99
62) 1,3-Dichlorobenzene	11.754	146	89963	5.13	ug/L	98
63) 1,4-Dichlorobenzene	11.845	146	89177	5.09	ug/L	99
65) 1,2-Dichlorobenzene	12.221	146	86535	5.31	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.005	75	8264	5.68	ug/L	88
67) 1,3,5-Trichlorobenzene	13.227	180	74280	5.30	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	60376	5.44	ug/L	99
69) Naphthalene	14.095	128	101641	6.26	ug/L	99
70) 1,2,3-Trichlorobenzene	14.340	180	55528	5.65	ug/L	99

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

