

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042037.D
 Acq On : 14 Jan 2021 16:36
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00516

Quant Time: Jan 15 05:26:50 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 05:20:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	119869	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	115554	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	56084	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	41424	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.919	69	42041	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.578	63	88663	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	4.649	46	142208	46.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.70%
24) Chloroform-d	5.079	84	90780	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.713	65	48285	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.739	84	167403	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.700	67	56412	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.902	98	155630	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloroprop...	8.185	79	24091	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.639	63	127179	50.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.76%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	46389	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	12.188	152	50650	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	59777	5.42	ug/L	100
3) Chloromethane	1.523	50	68842	4.98	ug/L	100
5) Vinyl chloride	1.607	62	71344	5.02	ug/L	99
6) Bromomethane	1.864	94	45046	5.13	ug/L	97
8) Chloroethane	1.938	64	43247	4.98	ug/L	95
9) Trichlorofluoromethane	2.144	101	95339	5.33	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	51044	5.33	ug/L	98
12) 1,1-Dichloroethene	2.588	96	48890	5.19	ug/L	98
13) Acetone	2.652	43	89240	47.04	ug/L	89
14) Carbon disulfide	2.803	76	154546	5.00	ug/L	99
15) Methyl Acetate	2.964	43	23708	5.12	ug/L	97
16) Methylene chloride	3.057	84	57676	5.28	ug/L	95
17) Methyl tert-butyl Ether	3.375	73	131103	5.33	ug/L	100
18) trans-1,2-Dichloroethene	3.366	96	53911	5.67	ug/L	95
19) 1,1-Dichloroethane	3.887	63	95889	5.13	ug/L	99
21) 2-Butanone	4.726	43	151682	50.16	ug/L	97
22) cis-1,2-Dichloroethene	4.684	96	56129	5.63	ug/L	95
23) Bromochloromethane	4.989	128	24359	5.36	ug/L	94
25) Chloroform	5.105	83	95028	5.08	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	62495	5.20	ug/L	97
29) 1,1,1-Trichloroethane	5.330	97	83906	4.95	ug/L	98
30) Cyclohexane	5.401	56	83803	4.82	ug/L	99
31) Carbon tetrachloride	5.539	117	70648	4.83	ug/L	99
33) Benzene	5.787	78	213514	4.93	ug/L	100
34) Trichloroethene	6.552	95	56767	5.31	ug/L	99
35) Methylcyclohexane	6.774	83	81832	4.83	ug/L	96
37) 1,2-Dichloropropane	6.803	63	56290	5.07	ug/L	99
38) Bromodichloromethane	7.115	83	70782	4.92	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	82499	4.99	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	358473	46.46	ug/L	98
42) Toluene	7.976	91	226174	5.03	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	71281	4.98	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	40709	5.19	ug/L	94
47) Tetrachloroethene	8.555	164	38977	5.63	ug/L	99
48) 2-Hexanone	8.690	43	255059	49.22	ug/L	99
49) Dibromochloromethane	8.812	129	46286	5.41	ug/L	99
50) 1,2-Dibromoethane	8.928	107	38397	5.34	ug/L	93
51) Chlorobenzene	9.449	112	136209	5.39	ug/L	98
52) Ethylbenzene	9.571	91	247549	5.70	ug/L	100
53) m,p-Xylene	9.693	106	87077	5.55	ug/L	96
54) o-Xylene	10.102	106	86534	5.70	ug/L	97
55) Styrene	10.115	104	151850	5.82	ug/L	98
56) Isopropylbenzene	10.484	105	224918	5.53	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.780	83	49893	5.20	ug/L	97
59) 1,2,3-Trichloropropane	10.822	75	36572	5.01	ug/L	98
61) Bromoform	10.291	173	24851	5.23	ug/L	98
62) 1,3-Dichlorobenzene	11.742	146	100474	5.49	ug/L	98
63) 1,4-Dichlorobenzene	11.832	146	99140	5.40	ug/L	97
65) 1,2-Dichlorobenzene	12.208	146	96390	5.34	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.989	75	8746	5.28	ug/L	92
67) 1,3,5-Trichlorobenzene	13.211	180	69803	5.34	ug/L	98
68) 1,2,4-trichlorobenzene	13.828	180	51736	5.24	ug/L	97
69) Naphthalene	14.076	128	96868	5.51	ug/L	99
70) 1,2,3-Trichlorobenzene	14.320	180	49661	5.41	ug/L	97

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

