

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
 Data File : VU042060.D
 Acq On : 15 Jan 2021 09:45
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00518

Quant Time: Jan 16 00:56:38 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 14:28:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	141514	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	140468	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	70685	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	41109	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.919	69	46690	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.578	63	92605	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.00%
20) 2-Butanone-d5	4.652	46	186975	52.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.34%
24) Chloroform-d	5.076	84	111886	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.713	65	60521	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.739	84	207526	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.700	67	69075	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.903	98	187200	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloroprop...	8.182	79	28176	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.639	63	165736	54.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.02%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	65266	5.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.20%
64) 1,2-Dichlorobenzene-d4	12.189	152	68539	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.388	85	58994	4.53	ug/L	99
3) Chloromethane	1.523	50	65348	4.00	ug/L	100
5) Vinyl chloride	1.607	62	76622	4.56	ug/L	99
6) Bromomethane	1.864	94	47517	4.58	ug/L	95
8) Chloroethane	1.941	64	43982	4.29	ug/L	94
9) Trichlorofluoromethane	2.144	101	100529	4.76	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	55425	4.90	ug/L	96
12) 1,1-Dichloroethene	2.588	96	53710	4.83	ug/L	92
13) Acetone	2.665	43	100465	44.85	ug/L	90
14) Carbon disulfide	2.800	76	171760	4.71	ug/L	98
15) Methyl Acetate	2.967	43	24298	4.45	ug/L	100
16) Methylene chloride	3.057	84	61275	4.75	ug/L	93
17) Methyl tert-butyl Ether	3.375	73	133961	4.61	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	54541	4.86	ug/L	94
19) 1,1-Dichloroethane	3.883	63	102538	4.65	ug/L	98
21) 2-Butanone	4.729	43	164396	46.05	ug/L	96
22) cis-1,2-Dichloroethene	4.681	96	58898	5.01	ug/L	90
23) Bromochloromethane	4.986	128	28279	5.27	ug/L	88
25) Chloroform	5.102	83	107080	4.85	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	66849	4.71	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	90337	4.39	ug/L	98
30) Cyclohexane	5.401	56	86630	4.09	ug/L	95
31) Carbon tetrachloride	5.536	117	79481	4.47	ug/L	100
33) Benzene	5.784	78	233521	4.44	ug/L	100
34) Trichloroethene	6.552	95	58230	4.48	ug/L	98
35) Methylcyclohexane	6.771	83	88616	4.30	ug/L	97
37) 1,2-Dichloropropane	6.797	63	60585	4.49	ug/L	99
38) Bromodichloromethane	7.112	83	76430	4.37	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	86101	4.28	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	384346	40.98	ug/L	98
42) Toluene	7.973	91	249450	4.56	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	79518	4.57	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	45590	4.78	ug/L	97
47) Tetrachloroethene	8.555	164	44517	5.29	ug/L	98
48) 2-Hexanone	8.690	43	290468	46.11	ug/L	98
49) Dibromochloromethane	8.813	129	53646	5.16	ug/L	99
50) 1,2-Dibromoethane	8.925	107	44605	5.10	ug/L #	96
51) Chlorobenzene	9.446	112	152683	4.97	ug/L	99
52) Ethylbenzene	9.571	91	255871	4.85	ug/L	98
53) m,p-Xylene	9.694	106	99292	5.20	ug/L	98
54) o-Xylene	10.099	106	94656	5.13	ug/L	99
55) Styrene	10.115	104	167577	5.28	ug/L	97
56) Isopropylbenzene	10.481	105	250948	5.07	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.780	83	58063	4.98	ug/L	93
59) 1,2,3-Trichloropropane	10.819	75	43717	4.92	ug/L	99
61) Bromoform	10.292	173	31173	5.21	ug/L	96
62) 1,3-Dichlorobenzene	11.742	146	120161	5.21	ug/L	96
63) 1,4-Dichlorobenzene	11.832	146	119291	5.15	ug/L	98
65) 1,2-Dichlorobenzene	12.208	146	114119	5.02	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.989	75	9698	4.65	ug/L	96
67) 1,3,5-Trichlorobenzene	13.211	180	83680	5.08	ug/L	99
68) 1,2,4-trichlorobenzene	13.828	180	63319	5.09	ug/L	98
69) Naphthalene	14.076	128	107733	4.86	ug/L	99
70) 1,2,3-Trichlorobenzene	14.317	180	61614	5.32	ug/L	97

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

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