

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042058.D
 Acq On : 15 Jan 2021 02:01
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00517

Quant Time: Jan 15 06:41:46 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 06:32:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	158780	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	128100	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.812	152	60306	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	44497	3.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.20%
7) Chloroethane-d5	1.916	69	49719	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.562	63	102736	4.26	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.20%
20) 2-Butanone-d5	4.658	46	195274	48.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.12%
24) Chloroform-d	5.073	84	120087	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.713	65	65570	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.735	84	225810	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
36) 1,2-Dichloropropane-d6	6.700	67	75108	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.902	98	196034	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
43) trans-1,3-Dichloroprop...	8.185	79	29094	5.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.60%
46) 2-Hexanone-d5	8.661	63	174203	62.25	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.50%
57) 1,1,2,2-Tetrachloroeth...	10.761	84	55284	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.00%
64) 1,2-Dichlorobenzene-d4	12.192	152	57765	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	60316	4.13	ug/L	99
3) Chloromethane	1.523	50	73692	4.02	ug/L	98
5) Vinyl chloride	1.604	62	76687	4.07	ug/L	98
6) Bromomethane	1.864	94	42225	3.63	ug/L	99
8) Chloroethane	1.938	64	47576	4.13	ug/L	99
9) Trichlorofluoromethane	2.134	101	113729	4.80	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	59966	4.72	ug/L	99
12) 1,1-Dichloroethene	2.575	96	58348	4.67	ug/L	88
13) Acetone	2.665	43	103830	41.32	ug/L	89
14) Carbon disulfide	2.787	76	176082	4.30	ug/L	100
15) Methyl Acetate	2.967	43	26026	4.25	ug/L	95
16) Methylene chloride	3.047	84	71568	4.94	ug/L	93
17) Methyl tert-butyl Ether	3.379	73	151824	4.66	ug/L	98
18) trans-1,2-Dichloroethene	3.356	96	58926	4.68	ug/L	94
19) 1,1-Dichloroethane	3.877	63	108415	4.38	ug/L	99
21) 2-Butanone	4.739	43	173206	43.24	ug/L	96
22) cis-1,2-Dichloroethene	4.678	96	62636	4.74	ug/L	88
23) Bromochloromethane	4.986	128	28090	4.66	ug/L	92
25) Chloroform	5.099	83	111011	4.48	ug/L	97

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

27) 1,2-Dichloroethane	5.806	62	73684	4.63	ug/L #	94
29) 1,1,1-Trichloroethane	5.327	97	94763	5.05	ug/L	98
30) Cyclohexane	5.395	56	96572	5.01	ug/L	97
31) Carbon tetrachloride	5.533	117	83077	5.12	ug/L	100
33) Benzene	5.784	78	250362	5.22	ug/L	100
34) Trichloroethene	6.549	95	63300	5.34	ug/L	98
35) Methylcyclohexane	6.767	83	97006	5.16	ug/L	96
37) 1,2-Dichloropropane	6.800	63	64548	5.24	ug/L #	97
38) Bromodichloromethane	7.112	83	79854	5.00	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	87535	4.77	ug/L	95
40) 4-Methyl-2-pentanone	7.806	43	421957	49.33	ug/L	97
42) Toluene	7.973	91	258431	5.18	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	79506	5.01	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	48166	5.54	ug/L	97
47) Tetrachloroethene	8.555	164	41785	5.44	ug/L	91
48) 2-Hexanone	8.713	43	318006	55.36	ug/L	98
49) Dibromochloromethane	8.816	129	52585	5.54	ug/L	98
50) 1,2-Dibromoethane	8.928	107	43798	5.49	ug/L #	93
51) Chlorobenzene	9.449	112	132932	4.75	ug/L	98
52) Ethylbenzene	9.571	91	225338	4.68	ug/L	99
53) m,p-Xylene	9.697	106	82955	4.77	ug/L	95
54) o-Xylene	10.102	106	81079	4.82	ug/L	96
55) Styrene	10.118	104	141714	4.90	ug/L	100
56) Isopropylbenzene	10.484	105	218332	4.84	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.790	83	50940	4.79	ug/L	99
59) 1,2,3-Trichloropropane	10.828	75	36752	4.54	ug/L	99
61) Bromoform	10.298	173	26007	5.09	ug/L	100
62) 1,3-Dichlorobenzene	11.745	146	98325	5.00	ug/L	96
63) 1,4-Dichlorobenzene	11.835	146	95247	4.82	ug/L	99
65) 1,2-Dichlorobenzene	12.211	146	91390	4.71	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.992	75	7934	4.45	ug/L	94
67) 1,3,5-Trichlorobenzene	13.211	180	65812	4.68	ug/L	99
68) 1,2,4-trichlorobenzene	13.831	180	46925	4.42	ug/L	98
69) Naphthalene	14.076	128	93679	4.96	ug/L	99
70) 1,2,3-Trichlorobenzene	14.317	180	47083	4.77	ug/L	96

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

