

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU041996.D
 Acq On : 13 Jan 2021 21:29
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00513

Quant Time: Jan 15 01:39:19 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 14 17:00:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	134637	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	122240	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.806	152	54989	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	47977	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.919	69	47467	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.578	63	98831	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.60%
20) 2-Butanone-d5	4.658	46	179996	52.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.58%
24) Chloroform-d	5.080	84	103681	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.716	65	53629	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.742	84	177036	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.703	67	58981	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.903	98	167672	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloroprop...	8.186	79	27056	5.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.80%
46) 2-Hexanone-d5	8.639	63	158787	59.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.92%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	49351	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	12.189	152	51667	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	54840	4.43	ug/L	99
3) Chloromethane	1.523	50	71642	4.61	ug/L	100
5) Vinyl chloride	1.607	62	73747	4.62	ug/L	97
6) Bromomethane	1.864	94	46101	4.67	ug/L	96
8) Chloroethane	1.941	64	45446	4.66	ug/L	99
9) Trichlorofluoromethane	2.144	101	96452	4.80	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	52844	4.91	ug/L	98
12) 1,1-Dichloroethene	2.588	96	51208	4.84	ug/L	96
13) Acetone	2.671	43	109687	51.47	ug/L	90
14) Carbon disulfide	2.803	76	166516	4.80	ug/L	99
15) Methyl Acetate	2.974	43	26796	5.16	ug/L	99
16) Methylene chloride	3.057	84	59432	4.84	ug/L	99
17) Methyl tert-butyl Ether	3.379	73	131106	4.74	ug/L	99
18) trans-1,2-Dichloroethene	3.366	96	49976	4.68	ug/L	95
19) 1,1-Dichloroethane	3.887	63	93947	4.47	ug/L	99
21) 2-Butanone	4.739	43	178447	52.54	ug/L	98
22) cis-1,2-Dichloroethene	4.681	96	54302	4.85	ug/L	92
23) Bromochloromethane	4.993	128	26453	5.18	ug/L	92
25) Chloroform	5.105	83	101570	4.83	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	66170	4.90	ug/L	100
29) 1,1,1-Trichloroethane	5.330	97	86138	4.81	ug/L	97
30) Cyclohexane	5.401	56	87742	4.77	ug/L	99
31) Carbon tetrachloride	5.539	117	71072	4.59	ug/L	99
33) Benzene	5.787	78	212272	4.63	ug/L	100
34) Trichloroethene	6.552	95	53407	4.72	ug/L	98
35) Methylcyclohexane	6.774	83	78048	4.35	ug/L	98
37) 1,2-Dichloropropane	6.803	63	54277	4.62	ug/L	99
38) Bromodichloromethane	7.115	83	70071	4.60	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	80130	4.58	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	399845	48.99	ug/L	100
42) Toluene	7.977	91	240226	5.05	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	79264	5.23	ug/L	96
45) 1,1,2-Trichloroethane	8.404	97	45208	5.45	ug/L	98
47) Tetrachloroethene	8.555	164	38764	5.29	ug/L	95
48) 2-Hexanone	8.690	43	320285	58.43	ug/L	98
49) Dibromochloromethane	8.813	129	50563	5.59	ug/L	98
50) 1,2-Dibromoethane	8.928	107	43283	5.69	ug/L #	98
51) Chlorobenzene	9.449	112	133071	4.98	ug/L	97
52) Ethylbenzene	9.571	91	230651	5.02	ug/L	100
53) m,p-Xylene	9.694	106	84499	5.09	ug/L	98
54) o-Xylene	10.102	106	76501	4.76	ug/L	99
55) Styrene	10.115	104	131490	4.76	ug/L	99
56) Isopropylbenzene	10.484	105	203836	4.74	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.780	83	49240	4.85	ug/L	98
59) 1,2,3-Trichloropropane	10.822	75	36794	4.76	ug/L	99
61) Bromoform	10.292	173	25207	5.41	ug/L	97
62) 1,3-Dichlorobenzene	11.742	146	91042	5.08	ug/L	99
63) 1,4-Dichlorobenzene	11.832	146	90265	5.01	ug/L	100
65) 1,2-Dichlorobenzene	12.208	146	88837	5.02	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.989	75	8891	5.47	ug/L	98
67) 1,3,5-Trichlorobenzene	13.211	180	61783	4.82	ug/L	99
68) 1,2,4-trichlorobenzene	13.828	180	48572	5.01	ug/L	99
69) Naphthalene	14.076	128	89588	5.20	ug/L	98
70) 1,2,3-Trichlorobenzene	14.317	180	47120	5.23	ug/L	99

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

