

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021720\
 Data File : VU036824.D
 Acq On : 17 Feb 2020 21:07
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00521

Quant Time: Feb 18 00:51:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Feb 18 00:46:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	120015	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	112232	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	49868	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	39483	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.93	69	39155	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.59	63	72572	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.20%
20) 2-Butanone-d5	4.67	46	109618	50.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.30%
24) Chloroform-d	5.11	84	75967	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.74	65	43080	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.76	84	159501	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.73	67	52273	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.92	98	146133	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	8.20	79	18872	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.66	63	97140	50.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.06%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	43047	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	47426	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	40088	5.058	ug/L 100
3) Chloromethane	1.54	50	41311	5.008	ug/L 99
5) Vinyl chloride	1.62	62	49160	5.102	ug/L 96
6) Bromomethane	1.87	94	25937	4.480	ug/L 89
8) Chloroethane	1.95	64	32048	4.761	ug/L 99
9) Trichlorofluoromethane	2.16	101	63769	5.030	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	39560	4.887	ug/L 100
12) 1,1-Dichloroethene	2.60	96	35721	4.893	ug/L 99
13) Acetone	2.66	43	88149	31.849	ug/L 98
14) Carbon disulfide	2.82	76	82203	4.666	ug/L 100
15) Methyl Acetate	2.98	43	19277	5.249	ug/L 98
16) Methylene chloride	3.08	84	54717	4.447	ug/L 99
17) Methyl tert-butyl Ether	3.41	73	109358	5.058	ug/L 98
18) trans-1,2-Dichloroethene	3.39	96	37570	4.987	ug/L 98
19) 1,1-Dichloroethane	3.91	63	82277	5.208	ug/L 98
21) 2-Butanone	4.75	43	131049	40.704	ug/L 99
22) cis-1,2-Dichloroethene	4.71	96	47365	5.196	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	18512	5.108	ug/L	98
25) Chloroform	5.13	83	82261	4.876	ug/L	99
27) 1,2-Dichloroethane	5.83	62	53154	4.942	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	61990	5.029	ug/L	100
30) Cyclohexane	5.43	56	65829	5.028	ug/L	97
31) Carbon tetrachloride	5.56	117	48937	4.921	ug/L	98
33) Benzene	5.81	78	179944	5.198	ug/L	100
34) Trichloroethene	6.57	95	44798	5.081	ug/L	99
35) Methylcyclohexane	6.80	83	68631	4.905	ug/L	97
37) 1,2-Dichloropropane	6.83	63	50064	5.297	ug/L	99
38) Bromodichloromethane	7.14	83	56795	5.035	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	67447	4.931	ug/L	99
40) 4-Methyl-2-pentanone	7.83	43	309090	50.674	ug/L	100
42) Toluene	8.00	91	193430	5.203	ug/L	97
44) trans-1,3-Dichloropropene	8.24	75	53875	5.040	ug/L	94
45) 1,1,2-Trichloroethane	8.43	97	34366	5.226	ug/L	98
47) Tetrachloroethene	8.58	164	28923	4.822	ug/L	97
48) 2-Hexanone	8.71	43	228713	43.817	ug/L	99
49) Dibromochloromethane	8.83	129	34118	5.017	ug/L	98
50) 1,2-Dibromoethane	8.95	107	29723	5.005	ug/L	98
51) Chlorobenzene	9.47	112	116769	5.077	ug/L	100
52) Ethylbenzene	9.59	91	210682	5.074	ug/L	99
53) m,p-Xylene	9.72	106	77448	5.068	ug/L	95
54) o-Xylene	10.12	106	76008	5.065	ug/L	94
55) Styrene	10.13	104	128541	5.081	ug/L	100
56) Isopropylbenzene	10.50	105	206382	5.139	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	44288	5.145	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	31740	5.086	ug/L	100
61) Bromoform	10.31	173	17436	5.075	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	87002	5.064	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	84808	4.979	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	84331	5.091	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	6019	4.869	ug/L	86
67) 1,3,5-Trichlorobenzene	13.24	180	59892	4.951	ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	42740	4.686	ug/L	98
69) Naphthalene	14.12	128	75237	4.553	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	40727	4.975	ug/L	97

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

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