

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060220\
 Data File : VU038484.D
 Acq On : 02 Jun 2020 09:30
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00529

Quant Time: Jun 03 00:44:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 02 16:29:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	330386	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	327728	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	162967	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86708	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.93	69	72452	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.59	63	189961	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.20%
20) 2-Butanone-d5	4.69	46	316601	48.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.48%
24) Chloroform-d	5.10	84	187068	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.74	65	109439	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.76	84	363590	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.72	67	111040	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.92	98	330123	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.20	79	48807	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.66	63	269190	50.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.76%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	100007	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	125187	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	118880	4.57 ug/L	99
3) Chloromethane	1.53	50	99212	4.15 ug/L	100
5) Vinyl chloride	1.62	62	106887	4.17 ug/L	98
6) Bromomethane	1.87	94	58150	4.67 ug/L	96
8) Chloroethane	1.95	64	65512	4.27 ug/L	100
9) Trichlorofluoromethane	2.16	101	162404	4.78 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	97637	4.88 ug/L	97
12) 1,1-Dichloroethene	2.60	96	91199	4.48 ug/L	95
13) Acetone	2.70	43	199193	46.86 ug/L	90
14) Carbon disulfide	2.82	76	267992	3.88 ug/L	99
15) Methyl Acetate	2.99	43	50340	4.83 ug/L	100
16) Methylene chloride	3.08	84	103335	4.49 ug/L	98
17) Methyl tert-butyl Ether	3.40	73	250348	4.69 ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	97787	4.46 ug/L	98
19) 1,1-Dichloroethane	3.91	63	187106	4.77 ug/L	99
21) 2-Butanone	4.77	43	344160	48.13 ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	105621	4.47 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	48584	4.57	ug/L	96
25) Chloroform	5.13	83	190707	4.78	ug/L	100
27) 1,2-Dichloroethane	5.83	62	133332	4.75	ug/L	97
29) 1,1,1-Trichloroethane	5.35	97	164146	4.73	ug/L	99
30) Cyclohexane	5.42	56	153693	4.23	ug/L	99
31) Carbon tetrachloride	5.56	117	135357	4.69	ug/L	99
33) Benzene	5.81	78	407406	4.46	ug/L	100
34) Trichloroethene	6.57	95	103756	4.37	ug/L	98
35) Methylcyclohexane	6.79	83	154970	4.22	ug/L	99
37) 1,2-Dichloropropane	6.82	63	104875	4.56	ug/L	99
38) Bromodichloromethane	7.13	83	137640	4.82	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	156370	4.60	ug/L	97
40) 4-Methyl-2-pentanone	7.82	43	777030	47.25	ug/L	99
42) Toluene	7.99	91	435285	4.54	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	138590	4.62	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	84999	4.90	ug/L	98
47) Tetrachloroethene	8.57	164	78292	4.54	ug/L	98
48) 2-Hexanone	8.71	43	599602	48.14	ug/L	99
49) Dibromochloromethane	8.83	129	93151	4.97	ug/L	100
50) 1,2-Dibromoethane	8.95	107	77701	4.68	ug/L	98
51) Chlorobenzene	9.47	112	277299	4.49	ug/L	99
52) Ethylbenzene	9.59	91	476197	4.47	ug/L	100
53) m,p-Xylene	9.71	106	184895	4.51	ug/L	95
54) o-Xylene	10.12	106	179008	4.55	ug/L	100
55) Styrene	10.13	104	310995	4.65	ug/L	97
56) Isopropylbenzene	10.50	105	477107	4.60	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	102886	4.67	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	81138	4.73	ug/L	98
61) Bromoform	10.31	173	51674	5.09	ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	226437	4.73	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	227619	4.69	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	214141	4.71	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	18158	4.93	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	163203	4.57	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	146388	4.43	ug/L	99
69) Naphthalene	14.12	128	292752	4.45	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	139802	4.65	ug/L	97

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

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