

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060220\
 Data File : VU038506.D
 Acq On : 02 Jun 2020 20:09
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00530

Quant Time: Jun 03 00:52:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 03 00:48:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	311199	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	304692	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	152332	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	82254	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.93	69	68386	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.59	63	173177	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.40%
20) 2-Butanone-d5	4.69	46	315807	51.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.24%
24) Chloroform-d	5.10	84	183518	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.74	65	103973	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.76	84	352066	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.72	67	109921	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.92	98	306394	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	8.20	79	46957	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.65	63	264775	53.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.60%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	97418	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	121573	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	96239	3.92	ug/L	99
3) Chloromethane	1.53	50	92751	4.12	ug/L	100
5) Vinyl chloride	1.62	62	99736	4.13	ug/L	99
6) Bromomethane	1.87	94	50100	4.28	ug/L	97
8) Chloroethane	1.95	64	63092	4.36	ug/L	99
9) Trichlorofluoromethane	2.16	101	135534	4.23	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	76909	4.08	ug/L	99
12) 1,1-Dichloroethene	2.60	96	82238	4.29	ug/L	99
13) Acetone	2.69	43	196070	48.97	ug/L	98
14) Carbon disulfide	2.82	76	235916	3.63	ug/L	99
15) Methyl Acetate	2.99	43	46230	4.71	ug/L	98
16) Methylene chloride	3.08	84	99240	4.58	ug/L	97
17) Methyl tert-butyl Ether	3.40	73	237838	4.73	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	89872	4.35	ug/L	96
19) 1,1-Dichloroethane	3.91	63	173798	4.70	ug/L	98
21) 2-Butanone	4.76	43	326058	48.41	ug/L	95
22) cis-1,2-Dichloroethene	4.71	96	100780	4.53	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	46392	4.64	ug/L	98
25) Chloroform	5.13	83	181332	4.83	ug/L	100
27) 1,2-Dichloroethane	5.83	62	127983	4.84	ug/L	100
29) 1,1,1-Trichloroethane	5.35	97	148771	4.61	ug/L	100
30) Cyclohexane	5.42	56	115077	3.40	ug/L	99
31) Carbon tetrachloride	5.56	117	117563	4.38	ug/L	98
33) Benzene	5.81	78	384767	4.53	ug/L	100
34) Trichloroethene	6.57	95	96787	4.39	ug/L	98
35) Methylcyclohexane	6.79	83	112604	3.30	ug/L	99
37) 1,2-Dichloropropane	6.82	63	98771	4.62	ug/L	100
38) Bromodichloromethane	7.13	83	130527	4.92	ug/L	100
39) cis-1,3-Dichloropropene	7.63	75	141581	4.48	ug/L	96
40) 4-Methyl-2-pentanone	7.82	43	730026	47.74	ug/L	99
42) Toluene	7.99	91	394061	4.42	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	127531	4.57	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	78204	4.85	ug/L	97
47) Tetrachloroethene	8.57	164	65750	4.10	ug/L	99
48) 2-Hexanone	8.71	43	558584	48.24	ug/L	99
49) Dibromochloromethane	8.83	129	87040	5.00	ug/L	98
50) 1,2-Dibromoethane	8.94	107	73058	4.73	ug/L	98
51) Chlorobenzene	9.47	112	255325	4.44	ug/L	98
52) Ethylbenzene	9.59	91	416733	4.20	ug/L	99
53) m,p-Xylene	9.71	106	160034	4.20	ug/L	93
54) o-Xylene	10.12	106	163882	4.48	ug/L	97
55) Styrene	10.13	104	284437	4.58	ug/L	100
56) Isopropylbenzene	10.50	105	395751	4.11	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	96710	4.72	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	77114	4.83	ug/L	100
61) Bromoform	10.31	173	47253	4.98	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	199936	4.47	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	202661	4.47	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	195775	4.61	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	16492	4.79	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	144421	4.33	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	132379	4.28	ug/L	98
69) Naphthalene	14.11	128	280722	4.56	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	127340	4.53	ug/L	99

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

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