

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038457.D
 Acq On : 31 May 2020 08:55
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00526

Quant Time: Jun 01 06:32:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 06:27:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	289471	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	279847	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	137750	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	88298	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.93	69	70787	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.59	63	177732	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.40%
20) 2-Butanone-d5	4.69	46	339592	59.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.34%
24) Chloroform-d	5.10	84	180845	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.74	65	107062	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.76	84	348213	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.72	67	110267	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.92	98	300646	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	8.20	79	45918	4.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.40%
46) 2-Hexanone-d5	8.66	63	280360	61.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.90%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	102756	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	119739	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	104208	4.568	ug/L 96
3) Chloromethane	1.53	50	102556	4.895	ug/L 99
5) Vinyl chloride	1.62	62	111447	4.965	ug/L 98
6) Bromomethane	1.88	94	55568	5.099	ug/L 98
8) Chloroethane	1.95	64	67245	4.999	ug/L 94
9) Trichlorofluoromethane	2.16	101	142683	4.791	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	78033	4.449	ug/L 99
12) 1,1-Dichloroethene	2.60	96	87112	4.886	ug/L 98
13) Acetone	2.69	43	216638	58.164	ug/L 97
14) Carbon disulfide	2.82	76	279471	4.620	ug/L 100
15) Methyl Acetate	2.99	43	51610	5.656	ug/L 95
16) Methylene chloride	3.08	84	105543	5.232	ug/L 99
17) Methyl tert-butyl Ether	3.40	73	255203	5.460	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	92588	4.819	ug/L 96
19) 1,1-Dichloroethane	3.91	63	179550	5.222	ug/L 98
21) 2-Butanone	4.77	43	384024	61.300	ug/L 96
22) cis-1,2-Dichloroethene	4.71	96	106036	5.126	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	49112	5.275	ug/L	91
25) Chloroform	5.13	83	182285	5.219	ug/L	98
27) 1,2-Dichloroethane	5.83	62	132149	5.374	ug/L	100
29) 1,1,1-Trichloroethane	5.35	97	149194	5.038	ug/L	100
30) Cyclohexane	5.42	56	132586	4.270	ug/L	98
31) Carbon tetrachloride	5.56	117	117859	4.781	ug/L	100
33) Benzene	5.81	78	397124	5.089	ug/L	100
34) Trichloroethene	6.57	95	96189	4.749	ug/L	97
35) Methylcyclohexane	6.79	83	128207	4.088	ug/L	98
37) 1,2-Dichloropropane	6.82	63	102741	5.232	ug/L	99
38) Bromodichloromethane	7.13	83	131161	5.378	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	146219	5.038	ug/L	96
40) 4-Methyl-2-pentanone	7.82	43	811857	57.810	ug/L	99
42) Toluene	7.99	91	405474	4.954	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	129064	5.035	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	82882	5.595	ug/L	97
47) Tetrachloroethene	8.57	164	65393	4.444	ug/L	98
48) 2-Hexanone	8.71	43	629461	59.186	ug/L	99
49) Dibromochloromethane	8.83	129	88522	5.536	ug/L	97
50) 1,2-Dibromoethane	8.94	107	77815	5.485	ug/L	99
51) Chlorobenzene	9.47	112	253382	4.800	ug/L	99
52) Ethylbenzene	9.59	91	418861	4.600	ug/L	100
53) m,p-Xylene	9.71	106	162301	4.634	ug/L	96
54) o-Xylene	10.12	106	158977	4.729	ug/L	100
55) Styrene	10.13	104	280104	4.908	ug/L	100
56) Isopropylbenzene	10.50	105	393634	4.448	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	104106	5.530	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	81249	5.543	ug/L	98
61) Bromoform	10.31	173	48621	5.666	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	195835	4.839	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	195520	4.764	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	194022	5.048	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	17917	5.758	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	140103	4.640	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	130196	4.658	ug/L	100
69) Naphthalene	14.11	128	294478	5.294	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	127937	5.031	ug/L	98

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

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