Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062220\
Data File : VU039007.D
Acq On : 22 Jun 2020 15:56
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Quant Time: Jun 23 01:07:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 23 01:05:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	278569	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	271243	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	140265	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	110194	4.82	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.40%			
7) Chloroethane-d5	1.93	69	80296	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.00%			
11) 1,1-Dichloroethene-d2	2.59	63	205212	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.40%			
20) 2-Butanone-d5	4.67	46	371939	49.92	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.84%			
24) Chloroform-d	5.10	84	201619	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
26) 1,2-Dichloroethane-d4	5.74	65	121188	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%			
32) Benzene-d6	5.76	84	400274	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%			
36) 1,2-Dichloropropane-d6	6.72	67	130295	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.80%			
41) Toluene-d8	7.92	98	341267	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%			
43) trans-1,3-Dichloropropene-	8.20	79	57759	5.09	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.80%			
46) 2-Hexanone-d5	8.65	63	304245	55.09	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.18%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	119703	5.12	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.40%			
64) 1,2-Dichlorobenzene-d4	12.20	152	135147	4.95	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.00%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	121097	4.489	ug/L	100
3) Chloromethane	1.53	50	81422	5.266	ug/L	100
5) Vinyl chloride	1.62	62	133998	4.711	ug/L	99
6) Bromomethane	1.87	94	39963	5.893	ug/L	99
8) Chloroethane	1.95	64	85145	5.440	ug/L	99
9) Trichlorofluoromethane	2.16	101	162127	4.495	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	93115	4.386	ug/L	98
12) 1,1-Dichloroethene	2.60	96	95275	4.730	ug/L	90
13) Acetone	2.66	43	223669	47.588	ug/L	100
14) Carbon disulfide	2.82	76	317799	4.560	ug/L	100
15) Methyl Acetate	2.98	43	59013	4.934	ug/L	98
16) Methylene chloride	3.08	84	112304	4.586	ug/L	97
17) Methyl tert-butyl Ether	3.40	73	254175	5.216	ug/L	98
18) trans-1,2-Dichloroethene	3.38	96	103266	4.811	ug/L	99
19) 1,1-Dichloroethane	3.91	63	203058	4.775	ug/L	99
21) 2-Butanone	4.75	43	381711	50.365	ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	112466	4.886	ug/L	99

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Acq On : 22 Jun 2020 15:56
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Quant Time: Jun 23 01:07:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 23 01:05:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.01	128	52309	4.876 ug/L	96
25) Chloroform	5.12	83	207277	4.696 ug/L	99
27) 1,2-Dichloroethane	5.83	62	145440	4.896 ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	165872	4.789 ug/L	99
30) Cyclohexane	5.42	56	161632	4.731 ug/L	98
31) Carbon tetrachloride	5.56	117	135891	4.699 ug/L	99
33) Benzene	5.81	78	436071	4.978 ug/L	100
34) Trichloroethene	6.57	95	103925	4.754 ug/L	99
35) Methylcyclohexane	6.79	83	154686	4.671 ug/L	100
37) 1,2-Dichloropropane	6.82	63	119986	5.095 ug/L	100
38) Bromodichloromethane	7.13	83	148969	5.123 ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	169539	5.041 ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	911291	52.931 ug/L	99
42) Toluene	7.99	91	433734	4.928 ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	154602	5.127 ug/L	97
45) 1,1,2-Trichloroethane	8.42	97	86432	4.984 ug/L	99
47) Tetrachloroethene	8.57	164	72952	4.739 ug/L	96
48) 2-Hexanone	8.71	43	685004	52.566 ug/L	98
49) Dibromochloromethane	8.83	129	93929	4.910 ug/L	98
50) 1,2-Dibromoethane	8.94	107	85347	5.201 ug/L	98
51) Chlorobenzene	9.47	112	268449	4.774 ug/L	98
52) Ethylbenzene	9.59	91	450759	4.778 ug/L	100
53) m,p-Xylene	9.71	106	176064	4.935 ug/L	96
54) o-Xylene	10.12	106	169719	5.005 ug/L	99
55) Styrene	10.13	104	303793	5.209 ug/L	99
56) Isopropylbenzene	10.50	105	436970	4.867 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	112185	4.886 ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	88097	5.081 ug/L	100
61) Bromoform	10.31	173	53519	4.901 ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	214213	4.793 ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	217144	4.734 ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	208525	4.800 ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	19179	4.883 ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	152082	4.730 ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	134380	4.867 ug/L	98
69) Naphthalene	14.12	128	285725	5.222 ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	131179	5.062 ug/L	99

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

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Instrument :
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