Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU063020\
Data File : VU039235.D
Acq On : 30 Jun 2020 13:29
Operator : SY/MD
Sample : VSTD0.503
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.503

Manual Integrations APPROVED
MMDadoda
7/2/2020 4:59:44 PM

Quant Time: Jun 30 15:03:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR063020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 30 14:53:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	223489	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.44	117	239239	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	109602	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.61	65	7610	0.39	ug/L		0.00
7) Chloroethane-d5	1.93	69	7138	0.46	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.59	63	15868	0.44	ug/L		0.00
20) 2-Butanone-d5	4.69	46	30008	4.89	ug/L		0.00
24) Chloroform-d	5.10	84	17233	0.49	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.74	65	11251	0.51	ug/L		0.00
32) Benzene-d6	5.76	84	28700	0.41	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.72	67	9998	0.44	ug/L		0.00
41) Toluene-d8	7.92	98	23346	0.38	ug/L		0.00
43) trans-1,3-Dichloropropene-	8.20	79	4310	0.41	ug/L		0.00
46) 2-Hexanone-d5	8.66	63	17812	3.66	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	10253	0.50	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	10774	0.48	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	12193	0.564	ug/L		96
3) Chloromethane	1.53	50	11182	0.502	ug/L		92
5) Vinyl chloride	1.62	62	11999	0.539	ug/L		96
6) Bromomethane	1.88	94	6379	0.540	ug/L		97
8) Chloroethane	1.95	64	7212	0.531	ug/L		91
9) Trichlorofluoromethane	2.16	101	18560	0.595	ug/L		94
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	9490	0.560	ug/L		98
12) 1,1-Dichloroethene	2.61	96	8599	0.530	ug/L		86
13) Acetone	2.68	43	21577	5.735	ug/L		95
14) Carbon disulfide	2.82	76	29983	0.533	ug/L		97
15) Methyl Acetate	2.99	43	5124m	0.553	ug/L		
16) Methylene chloride	3.08	84	15784	0.810	ug/L		96
17) Methyl tert-butyl Ether	3.40	73	22291	0.513	ug/L		97
18) trans-1,2-Dichloroethene	3.39	96	8760	0.511	ug/L		94
19) 1,1-Dichloroethane	3.91	63	17573	0.538	ug/L		97
21) 2-Butanone	4.76	43	29888	5.052	ug/L		98
22) cis-1,2-Dichloroethene	4.71	96	8819	0.512	ug/L		95
23) Bromochloromethane	5.01	128	4092	0.490	ug/L		94
25) Chloroform	5.12	83	17955	0.549	ug/L		97
27) 1,2-Dichloroethane	5.83	62	12722	0.525	ug/L	#	94
29) 1,1,1-Trichloroethane	5.35	97	15311	0.491	ug/L		97
30) Cyclohexane	5.43	56	12429	0.430	ug/L		95
31) Carbon tetrachloride	5.56	117	12920	0.492	ug/L		98
33) Benzene	5.81	78	35599	0.477	ug/L		100
34) Trichloroethene	6.57	95	9744	0.510	ug/L		92
35) Methylcyclohexane	6.79	83	12946	0.457	ug/L		96
37) 1,2-Dichloropropane	6.82	63	9575	0.485	ug/L	#	97
38) Bromodichloromethane	7.13	83	13166	0.513	ug/L		96
39) cis-1,3-Dichloropropene	7.63	75	14053	0.498	ug/L		98
40) 4-Methyl-2-pentanone	7.82	43	69808	4.910	ug/L		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	7.99	91	33854	0.454	ug/L		92
44) trans-1,3-Dichloropropene	8.23	75	11974	0.430	ug/L		99
45) 1,1,2-Trichloroethane	8.42	97	7696	0.523	ug/L		96
47) Tetrachloroethene	8.57	164	6838	0.498	ug/L		94
48) 2-Hexanone	8.71	43	49941	4.581	ug/L		98
49) Dibromochloromethane	8.83	129	7811	0.459	ug/L		96
50) 1,2-Dibromoethane	8.94	107	6757	0.469	ug/L		98
51) Chlorobenzene	9.46	112	24621	0.509	ug/L		96
52) Ethylbenzene	9.59	91	39516	0.487	ug/L		99
53) m,p-Xylene	9.71	106	12995	0.433	ug/L		95
54) o-Xylene	10.11	106	12856	0.449	ug/L		98
55) Styrene	10.13	104	20300	0.409	ug/L		94
56) Isopropylbenzene	10.50	105	33515	0.455	ug/L		100
58) 1,1,2,2-Tetrachloroethane	10.80	83	9206	0.494	ug/L		89
59) 1,2,3-Trichloropropane	10.83	75	8174	0.565	ug/L		99
61) Bromoform	10.31	173	4944	0.563	ug/L	#	96
62) 1,3-Dichlorobenzene	11.76	146	17267	0.498	ug/L		97
63) 1,4-Dichlorobenzene	11.85	146	18890	0.539	ug/L		98
65) 1,2-Dichlorobenzene	12.22	146	17474	0.524	ug/L		96
66) 1,2-Dibromo-3-chloropropan	13.01	75	1602	0.482	ug/L		91
67) 1,3,5-Trichlorobenzene	13.24	180	13152	0.520	ug/L		95
68) 1,2,4-trichlorobenzene	13.87	180	11500	0.526	ug/L		97
69) Naphthalene	14.11	128	20121	0.484	ug/L		99
70) 1,2,3-Trichlorobenzene	14.36	180	10064	0.482	ug/L		92

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

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