Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072320\
Data File : BG046053.D
Acq On : 23 Jul 2020 15:27
Operator : CG/JU
Sample : SSTD16030
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16030

Manual Integrations APPROVED
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Quant Time: Jul 23 16:07:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 23 14:08:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	169170	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	737539	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	465053	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	1002886	20.00	ng/ul	0.00
78) Chrysene-d12	21.60	240	926167	20.00	ng/ul	0.02
86) Perylene-d12	24.73	264	1010701	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.16	99	2000289	143.09	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.31	67	1236894	139.33	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.70	113	1728108	147.62	ng/ul	0.03
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.91	131	2027116	147.59	ng/ul	0.03
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	14.84	143	937062	150.87	ng/ul	0.06
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.74	200	949034	194.56	ng/ul	0.05
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	7.11	77	1567075	151.778	ng/ul	97
6) Phenol	7.19	94	1972085	136.520	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.41	93	1594827	134.589	ng/ul	92
11) 2-Methylphenol	8.42	108	1659934	145.360	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.51	45	2644747	121.219	ng/ul#	92
14) Acetophenone	8.81	105	2344051	134.223	ng/ul#	90
16) 4-Methylphenol	8.79	108	1798579	145.564	ng/ul	91
30) 4-Chloroaniline	10.94	127	1858670	138.200	ng/ul	96
32) Caprolactam	11.78	113	696594m	164.346	ng/ul	
38) Hexachlorocyclopentadiene	12.79	237	1477221	166.532	ng/ul	96
49) 3-Nitroaniline	14.52	138	1013097	147.940	ng/ul	100
51) 2,4-Dinitrophenol	14.72	184	703853	232.158	ng/ul#	92
53) 4-Nitrophenol	14.86	109	682376	140.323	ng/ul	91
61) 4-Nitroaniline	15.71	138	1090469m	138.957	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.75	198	970649	182.450	ng/ul#	92
68) Atrazine	16.83	200	1571362	134.334	ng/ul	96
69) Pentachlorophenol	17.00	266	1237154	169.664	ng/ul	98
75) Carbazole	17.75	167	4584597	98.993	ng/ul#	65
77) Fluoranthene	19.40	202	5178649	82.511	ng/ul#	65
82) 3,3'-Dichlorobenzidine	21.50	252	2454793	119.577	ng/ul#	89
87) Di-n-octyl phthalate	22.70	149	5459102	94.596	ng/ul	100

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

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