Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071119\
Data File : BG041630.D
Acq On : 11 Jul 2019 22:04
Operator : HP/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC100

Manual Integrations APPROVED
mohammad
7/12/2019 10:38:40 PM

Quant Time: Jul 12 05:32:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 04:30:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	85491	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	363972	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	224591	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	519181	20.00	ng		0.00
76) Chrysene-d12	21.67	240	467566	20.00	ng		0.00
87) Perylene-d12	24.87	264	541576	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	915568	196.78	ng		0.00
7) Phenol-d6	7.21	99	1211926	179.70	ng		0.01
23) Nitrobenzene-d5	9.22	82	1114815	128.81	ng		0.01
42) 2,4,6-Tribromophenol	16.16	330	449475	130.36	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	2335127	141.31	ng		0.00
79) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	208994	89.577	ng	#	81
3) Pyridine	3.90	79	524436m	84.731	ng		
4) n-Nitrosodimethylamine	3.81	42	285796	86.586	ng	#	79
6) Aniline	7.38	93	825129	88.019	ng		99
8) 2-Chlorophenol	7.62	128	507096	92.755	ng		98
10) Phenol	7.24	94	632880	87.264	ng		84
11) bis(2-Chloroethyl)ether	7.48	93	524713	95.353	ng		93
12) 1,3-Dichlorobenzene	7.95	146	619758	90.538	ng	#	87
13) 1,4-Dichlorobenzene	8.10	146	624302	89.283	ng		93
14) 1,2-Dichlorobenzene	8.41	146	593673	88.890	ng		95
15) Benzyl Alcohol	8.30	79	500430	77.445	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.59	45	1111035	123.336	ng		90
17) 2-Methylphenol	8.49	107	453878	87.537	ng	#	89
18) Hexachloroethane	9.15	117	234807	84.740	ng		90
19) n-Nitroso-di-n-propylamine	8.88	70	448726	82.264	ng		90
20) 3+4-Methylphenols	8.82	107	623718	90.363	ng		89
22) Acetophenone	8.88	105	801272	75.651	ng	#	96
24) Nitrobenzene	9.26	77	582174	66.886	ng	#	90
25) Isophorone	9.79	82	1135354	71.506	ng	#	92
26) 2-Nitrophenol	9.97	139	277396	78.610	ng	#	76
27) 2,4-Dimethylphenol	10.03	122	462989	87.530	ng		85
28) bis(2-Chloroethoxy)methane	10.27	93	705829	85.317	ng		99
29) 2,4-Dichlorophenol	10.50	162	534031	81.425	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	622518	74.112	ng		98
31) Naphthalene	10.92	128	1536866	77.693	ng		96
32) Benzoic acid	10.22	122	379179	110.121	ng	#	80
33) 4-Chloroaniline	11.02	127	743983	88.558	ng	#	91
34) Hexachlorobutadiene	11.21	225	406748	61.006	ng		97
35) Caprolactam	11.81	113	192090m	85.076	ng		
36) 4-Chloro-3-methylphenol	12.13	107	548368	72.386	ng		85
37) 2-Methylnaphthalene	12.51	142	1176135m	80.727	ng		
38) 1-Methylnaphthalene	12.74	142	1111629	79.747	ng	#	100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	689710	74.370	ng		98
41) Hexachlorocyclopentadiene	12.87	237	435862	69.772	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.11	196	440000	76.695	ng		96
44) 2,4,5-Trichlorophenol	13.18	196	443709	75.166	ng		96
46) 1,1'-Biphenyl	13.52	154	1441795	84.917	ng		92
47) 2-Chloronaphthalene	13.56	162	1213140	82.990	ng		95
48) 2-Nitroaniline	13.75	65	383789	71.687	ng	#	82
49) Acenaphthylene	14.40	152	1774380	79.992	ng		93
50) Dimethylphthalate	14.14	163	1472569	73.690	ng	#	95
51) 2,6-Dinitrotoluene	14.25	165	341735	81.104	ng	#	77
52) Acenaphthene	14.75	154	1187162	91.141	ng		94
53) 3-Nitroaniline	14.58	138	371851	89.574	ng		89
54) 2,4-Dinitrophenol	14.77	184	166032	61.517	ng	#	87
55) Dibenzofuran	15.08	168	1697926	74.973	ng	#	98
56) 4-Nitrophenol	14.87	139	291712	101.141	ng	#	68
57) 2,4-Dinitrotoluene	15.03	165	450409	73.126	ng		87
58) Fluorene	15.72	166	1368425	76.812	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	403887	66.163	ng		95
60) Diethylphthalate	15.50	149	1497392	73.722	ng	#	92
61) 4-Chlorophenyl-phenylether	15.72	204	814179	70.241	ng		96
62) 4-Nitroaniline	15.74	138	379573	85.489	ng	#	69
63) Azobenzene	16.01	77	1328132	73.296	ng		91
65) 4,6-Dinitro-2-methylphenol	15.79	198	229577	68.126	ng		98
78) Pyrene	19.82	202	2402270	76.183	ng	#	82
83) Chrysene	21.72	228	2327767	76.458	ng	#	86
88) Benzo(b)fluoranthene	23.87	252	2769319	82.510	ng	#	89
89) Benzo(k)fluoranthene	23.94	252	2559440	76.978	ng	#	89
90) Benzo(a)pyrene	24.74	252	2644547	83.430	ng	#	91
91) Dibenzo(a,h)anthracene	28.62	278	2618015	82.039	ng	#	90
92) Benzo(g,h,i)perylene	29.71	276	2638673	83.670	ng	#	88

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

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