Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
Data File : BG045699.D
Acq On : 10 Jun 2020 19:56
Operator : CG/JU
Sample : L2950-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11939MS

Manual Integrations APPROVED
mohammad
6/11/2020 1:48:05 PM

Quant Time: Jun 11 01:04:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	57939	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	243542	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	187440	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	448669	20.00	ng		0.00
76) Chrysene-d12	21.60	240	409639	20.00	ng		0.00
87) Perylene-d12	24.74	264	450776	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	291470	98.31	ng		0.00
7) Phenol-d6	7.14	99	421684	99.93	ng		0.00
23) Nitrobenzene-d5	9.11	82	278427	62.34	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	219869	91.72	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	663334	60.03	ng		0.00
79) Terphenyl-d14	19.95	244	1183709	67.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	52028	35.389	ng		93
3) Pyridine	3.80	79	141094	34.459	ng		98
4) n-Nitrosodimethylamine	3.71	42	58678	43.795	ng	#	84
6) Aniline	7.27	93	113152	20.542	ng		98
8) 2-Chlorophenol	7.52	128	155261	47.756	ng		98
9) Benzaldehyde	7.08	77	114262	41.562	ng		98
10) Phenol	7.16	94	211992	48.746	ng		98
11) bis(2-Chloroethyl)ether	7.36	93	139599	41.153	ng		97
12) 1,3-Dichlorobenzene	7.84	146	158685	40.616	ng		98
13) 1,4-Dichlorobenzene	7.98	146	160644	41.665	ng		99
14) 1,2-Dichlorobenzene	8.30	146	153994	41.526	ng		97
15) Benzyl Alcohol	8.19	79	160058	45.917	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.48	45	130585	40.555	ng		98
17) 2-Methylphenol	8.41	107	140866	43.275	ng		99
18) Hexachloroethane	9.03	117	61440	41.606	ng		91
19) n-Nitroso-di-n-propylamine	8.75	70	128403	44.005	ng		97
20) 3+4-Methylphenols	8.74	107	190788	43.042	ng		93
22) Acetophenone	8.77	105	228284	39.549	ng	#	99
24) Nitrobenzene	9.15	77	199113	41.613	ng		97
25) Isophorone	9.68	82	355815	40.455	ng		97
26) 2-Nitrophenol	9.86	139	86371	42.196	ng		92
27) 2,4-Dimethylphenol	9.94	122	139548	45.966	ng		94
28) bis(2-Chloroethoxy)methane	10.16	93	198269	42.984	ng		99
29) 2,4-Dichlorophenol	10.42	162	162836	45.421	ng		97
30) 1,2,4-Trichlorobenzene	10.62	180	175710	41.478	ng		96
31) Naphthalene	10.80	128	475244	41.876	ng		99
32) Benzoic acid	10.11	122	70483	37.031	ng		99
33) 4-Chloroaniline	10.92	127	50752	10.698	ng		98
34) Hexachlorobutadiene	11.09	225	122631	40.953	ng		98
35) Caprolactam	11.70	113	57779m	43.909	ng		
36) 4-Chloro-3-methylphenol	12.07	107	191079	47.300	ng		95
37) 2-Methylnaphthalene	12.41	142	372334	44.018	ng		99
38) 1-Methylnaphthalene	12.63	142	352668	44.137	ng	#	96
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	208217	39.770	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	228252	75.534 ng	99
43) 2,4,6-Trichlorophenol	13.03	196	150024	41.251 ng	98
44) 2,4,5-Trichlorophenol	13.11	196	155026	37.302 ng	97
46) 1,1'-Biphenyl	13.42	154	478137	41.515 ng	99
47) 2-Chloronaphthalene	13.47	162	368913	39.445 ng	98
48) 2-Nitroaniline	13.67	65	123220	40.053 ng	94
49) Acenaphthylene	14.31	152	603645	40.183 ng	98
50) Dimethylphthalate	14.05	163	625191	48.622 ng	99
51) 2,6-Dinitrotoluene	14.16	165	117415	40.468 ng	97
52) Acenaphthene	14.66	154	463204m	46.064 ng	
53) 3-Nitroaniline	14.50	138	45948	15.578 ng	99
54) 2,4-Dinitrophenol	14.71	184	128962	68.680 ng	98
55) Dibenzofuran	14.99	168	600738	40.229 ng	94
56) 4-Nitrophenol	14.84	139	157250	70.420 ng	84
57) 2,4-Dinitrotoluene	14.96	165	167551	39.873 ng	95
58) Fluorene	15.64	166	516241	42.080 ng	97
59) 2,3,4,6-Tetrachlorophenol	15.23	232	151579	41.456 ng	98
60) Diethylphthalate	15.41	149	536044	40.053 ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	282442	40.232 ng	98
62) 4-Nitroaniline	15.67	138	111951	36.358 ng	98
63) Azobenzene	15.93	77	524949	42.066 ng	99
65) 4,6-Dinitro-2-methylphenol	15.73	198	106594	40.793 ng	91
66) n-Nitrosodiphenylamine	15.85	169	450686	41.837 ng	99
67) 4-Bromophenyl-phenylether	16.53	248	197448	40.641 ng	99
68) Hexachlorobenzene	16.65	284	213807	42.076 ng	99
69) Atrazine	16.80	200	173402	39.080 ng	98
70) Pentachlorophenol	17.00	266	204372	77.458 ng	98
71) Phenanthrene	17.38	178	836107	42.687 ng	100
72) Anthracene	17.47	178	840027	42.706 ng	98
73) Carbazole	17.75	167	762584	39.773 ng	98
74) Di-n-butylphthalate	18.31	149	920367	39.994 ng	100
75) Fluoranthene	19.39	202	1028029	41.264 ng	99
77) Benzidine	19.57	184	425943	37.023 ng	100
78) Pyrene	19.76	202	1006986	43.124 ng	100
80) Butylbenzylphthalate	20.64	149	404127	40.096 ng	99
81) Benzo(a)anthracene	21.58	228	955153	41.857 ng	100
82) 3,3'-Dichlorobenzidine	21.50	252	177901	19.874 ng	97
83) Chrysene	21.64	228	919436	41.903 ng	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	563520	40.673 ng	99
85) Di-n-octyl phthalate	22.68	149	951284	39.976 ng	100
86) Indeno(1,2,3-cd)pyrene	28.31	276	1212626	42.262 ng	99
88) Benzo(b)fluoranthene	23.75	252	1052011	43.515 ng	99
89) Benzo(k)fluoranthene	23.82	252	991343	43.647 ng	99
90) Benzo(a)pyrene	24.59	252	947138	42.066 ng	100
91) Dibenzo(a,h)anthracene	28.37	278	983785	43.481 ng	99
92) Benzo(g,h,i)perylene	29.42	276	985855	43.567 ng	97

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

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