Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044869.D
Acq On : 18 Mar 2020 18:32
Operator : CG/JU
Sample : PB127635BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 19 10:24:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB127635BS

Manual Integrations APPROVED
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3/19/2020 12:34:45 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	91396	20.00	ng		-0.01
21) Naphthalene-d8	10.85	136	349026	20.00	ng		-0.01
39) Acenaphthene-d10	14.67	164	240211	20.00	ng		-0.01
64) Phenanthrene-d10	17.42	188	553375	20.00	ng		0.00
76) Chrysene-d12	21.69	240	491273	20.00	ng		-0.01
87) Perylene-d12	24.90	264	544247	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	656942	111.89	ng		0.00
7) Phenol-d6	7.21	99	918723	107.70	ng		0.00
23) Nitrobenzene-d5	9.20	82	515306	64.79	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	382670	121.67	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1096331	65.36	ng		0.00
79) Terphenyl-d14	20.03	244	1735422	66.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	95688	33.844	ng		96
3) Pyridine	3.90	79	231145	27.617	ng		98
4) n-Nitrosodimethylamine	3.82	42	117244	36.920	ng	#	96
6) Aniline	7.37	93	315656	29.738	ng		96
8) 2-Chlorophenol	7.61	128	244451	41.709	ng		96
9) Benzaldehyde	7.18	77	109318	17.463	ng		98
10) Phenol	7.23	94	343995	40.732	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	247766	36.760	ng		100
12) 1,3-Dichlorobenzene	7.93	146	266667	36.935	ng		98
13) 1,4-Dichlorobenzene	8.08	146	267468	37.473	ng		98
14) 1,2-Dichlorobenzene	8.40	146	252204	37.256	ng		98
15) Benzyl Alcohol	8.28	79	260841	38.111	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	364551	30.649	ng		98
17) 2-Methylphenol	8.48	107	235604	41.185	ng		97
18) Hexachloroethane	9.13	117	107809	38.365	ng		96
19) n-Nitroso-di-n-propylamine	8.85	70	208862	34.675	ng		98
20) 3+4-Methylphenols	8.81	107	321496	40.768	ng		97
22) Acetophenone	8.86	105	376613	38.088	ng		97
24) Nitrobenzene	9.25	77	321154	38.913	ng		99
25) Isophorone	9.77	82	581559	37.463	ng		99
26) 2-Nitrophenol	9.96	139	138861	48.412	ng		96
27) 2,4-Dimethylphenol	10.01	122	238128	47.105	ng		95
28) bis(2-Chloroethoxy)methane	10.26	93	335962	36.265	ng		100
29) 2,4-Dichlorophenol	10.50	162	258429	43.767	ng		96
30) 1,2,4-Trichlorobenzene	10.71	180	271646	38.475	ng		94
31) Naphthalene	10.90	128	751024	38.844	ng		98
32) Benzoic acid	10.16	122	148887	39.859	ng		95
33) 4-Chloroaniline	11.00	127	194418	22.319	ng		99
34) Hexachlorobutadiene	11.20	225	177492	38.228	ng		94
35) Caprolactam	11.77	113	96094m	42.983	ng		
36) 4-Chloro-3-methylphenol	12.12	107	288958	41.032	ng		98
37) 2-Methylnaphthalene	12.51	142	562477	38.891	ng		98
38) 1-Methylnaphthalene	12.72	142	529015m	38.907	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	302017	38.177	ng		98

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Quant Time: Mar 19 10:24:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	412829	95.488	ng		99
43) 2,4,6-Trichlorophenol	13.11	196	225048	42.866	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	231955	42.602	ng		97
46) 1,1'-Biphenyl	13.51	154	704518	36.702	ng		99
47) 2-Chloronaphthalene	13.55	162	539080	36.762	ng		97
48) 2-Nitroaniline	13.75	65	201350	39.221	ng		98
49) Acenaphthylene	14.40	152	896430	39.021	ng		98
50) Dimethylphthalate	14.13	163	724508	37.869	ng		98
51) 2,6-Dinitrotoluene	14.24	165	168914	43.801	ng		97
52) Acenaphthene	14.74	154	659090	43.807	ng		99
53) 3-Nitroaniline	14.57	138	126937	28.630	ng		90
54) 2,4-Dinitrophenol	14.77	184	201692	97.998	ng		93
55) Dibenzofuran	15.07	168	859702	39.404	ng		98
56) 4-Nitrophenol	14.88	139	301921	89.228	ng		94
57) 2,4-Dinitrotoluene	15.03	165	236388	44.695	ng	#	98
58) Fluorene	15.73	166	693417	38.636	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.30	232	223594	44.605	ng		93
60) Diethylphthalate	15.50	149	746551	37.413	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	382808	39.612	ng		100
62) 4-Nitroaniline	15.73	138	172659	36.521	ng		98
63) Azobenzene	16.01	77	741119	35.766	ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	139556	52.691	ng		97
66) n-Nitrosodiphenylamine	15.93	169	633772	38.041	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	262392	37.929	ng		98
68) Hexachlorobenzene	16.74	284	286270	38.143	ng		98
69) Atrazine	16.88	200	270078	44.246	ng		98
70) Pentachlorophenol	17.07	266	360505	87.300	ng		99
71) Phenanthrene	17.46	178	1122087	37.945	ng		99
72) Anthracene	17.55	178	1140162	39.101	ng		99
73) Carbazole	17.82	167	1069501	38.184	ng		98
74) Di-n-butylphthalate	18.39	149	1284103	37.714	ng		99
75) Fluoranthene	19.47	202	1406971	39.960	ng		100
77) Benzidine	19.64	184	564606	35.401	ng		98
78) Pyrene	19.83	202	1408935	39.090	ng		100
80) Butylbenzylphthalate	20.72	149	606627	37.832	ng		99
81) Benzo(a)anthracene	21.67	228	1383991	39.123	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	453628	33.147	ng		98
83) Chrysene	21.74	228	1310138	38.771	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	837914	37.863	ng		99
85) Di-n-octyl phthalate	22.81	149	1432241	38.675	ng		99
86) Indeno(1,2,3-cd)pyrene	28.53	276	1727604	38.997	ng	#	98
88) Benzo(b)fluoranthene	23.88	252	1483134	41.279	ng		99
89) Benzo(k)fluoranthene	23.95	252	1393781	40.991	ng		98
90) Benzo(a)pyrene	24.75	252	1340874	39.883	ng		96
91) Dibenzo(a,h)anthracene	28.61	278	1401579	42.257	ng		98
92) Benzo(g,h,i)perylene	29.68	276	1441532	43.017	ng		97

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

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