Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032020\
Data File : BG044919.D
Acq On : 20 Mar 2020 14:36
Operator : CG/JU
Sample : PB127702BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 21 01:29:30 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 :
PB127702BSD

Manual Integrations APPROVED
mohammad
3/23/2020 9:39:38 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	82186	20.00	ng		-0.01
21) Naphthalene-d8	10.85	136	326165	20.00	ng		-0.01
39) Acenaphthene-d10	14.68	164	225061	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	524078	20.00	ng		0.00
76) Chrysene-d12	21.70	240	487481	20.00	ng		0.00
87) Perylene-d12	24.90	264	545966	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	622388	117.89	ng		0.00
7) Phenol-d6	7.21	99	878150	114.48	ng		0.00
23) Nitrobenzene-d5	9.20	82	488702	65.75	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	369838	125.50	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1041576	66.27	ng		0.00
79) Terphenyl-d14	20.03	244	1706996	65.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	90417	35.564	ng		98
3) Pyridine	3.90	79	222872	29.612	ng		97
4) n-Nitrosodimethylamine	3.82	42	110451	38.678	ng		89
6) Aniline	7.36	93	295860	30.997	ng		95
8) 2-Chlorophenol	7.61	128	231477	43.921	ng		95
9) Benzaldehyde	7.17	77	101022	18.070	ng		95
10) Phenol	7.23	94	320880	42.253	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	232239	38.318	ng		98
12) 1,3-Dichlorobenzene	7.93	146	249878	38.489	ng		99
13) 1,4-Dichlorobenzene	8.08	146	255880	39.866	ng		97
14) 1,2-Dichlorobenzene	8.40	146	241949	39.747	ng		98
15) Benzyl Alcohol	8.28	79	245177	39.836	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	334057	31.233	ng		98
17) 2-Methylphenol	8.48	107	216711	42.127	ng		97
18) Hexachloroethane	9.13	117	98212	38.866	ng		99
19) n-Nitroso-di-n-propylamine	8.85	70	190500	35.171	ng		96
20) 3+4-Methylphenols	8.81	107	305260	43.047	ng		97
22) Acetophenone	8.86	105	349491	37.823	ng		99
24) Nitrobenzene	9.24	77	297975	38.636	ng		97
25) Isophorone	9.77	82	536008	36.949	ng	#	97
26) 2-Nitrophenol	9.96	139	128770	48.082	ng		97
27) 2,4-Dimethylphenol	10.02	122	223461	47.302	ng		95
28) bis(2-Chloroethoxy)methane	10.25	93	306728	35.430	ng		98
29) 2,4-Dichlorophenol	10.50	162	243336	44.099	ng		97
30) 1,2,4-Trichlorobenzene	10.71	180	260180	39.434	ng		98
31) Naphthalene	10.90	128	707883	39.179	ng		98
32) Benzoic acid	10.16	122	137929	39.598	ng		99
33) 4-Chloroaniline	11.00	127	186698	22.935	ng		98
34) Hexachlorobutadiene	11.20	225	170475	39.290	ng		98
35) Caprolactam	11.76	113	89556m	42.867	ng		
36) 4-Chloro-3-methylphenol	12.12	107	274169	41.661	ng		97
37) 2-Methylnaphthalene	12.51	142	529594	39.184	ng		99
38) 1-Methylnaphthalene	12.72	142	501910	39.501	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	285688	38.544	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	12.86	237	383216	94.606 ng	99
43) 2,4,6-Trichlorophenol	13.11	196	211816	43.061 ng	97
44) 2,4,5-Trichlorophenol	13.18	196	221128	43.348 ng	96
46) 1,1'-Biphenyl	13.51	154	663647	36.900 ng	99
47) 2-Chloronaphthalene	13.55	162	514382	37.439 ng	97
48) 2-Nitroaniline	13.75	65	185414	38.548 ng	98
49) Acenaphthylene	14.40	152	859039	39.910 ng	98
50) Dimethylphthalate	14.13	163	689689	38.476 ng	99
51) 2,6-Dinitrotoluene	14.24	165	159722	44.206 ng	95
52) Acenaphthene	14.74	154	606405	43.018 ng	99
53) 3-Nitroaniline	14.57	138	117177	28.208 ng	98
54) 2,4-Dinitrophenol	14.77	184	174042	90.913 ng	91
55) Dibenzofuran	15.07	168	811376	39.692 ng	99
56) 4-Nitrophenol	14.88	139	293874	92.697 ng	95
57) 2,4-Dinitrotoluene	15.03	165	220368	44.471 ng	95
58) Fluorene	15.73	166	675414	40.166 ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	214951	45.768 ng	94
60) Diethylphthalate	15.50	149	712878	38.131 ng	98
61) 4-Chlorophenyl-phenylether	15.72	204	363177	40.110 ng	97
62) 4-Nitroaniline	15.73	138	161632	36.490 ng	99
63) Azobenzene	16.01	77	701722	36.144 ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	123832	49.855 ng	96
66) n-Nitrosodiphenylamine	15.93	169	601123	38.098 ng	100
67) 4-Bromophenyl-phenylether	16.61	248	251960	38.457 ng	95
68) Hexachlorobenzene	16.74	284	270638	38.076 ng	97
69) Atrazine	16.88	200	261658	45.263 ng	98
70) Pentachlorophenol	17.07	266	348542	89.121 ng	99
71) Phenanthrene	17.46	178	1096167	39.141 ng	99
72) Anthracene	17.56	178	1110303	40.206 ng	99
73) Carbazole	17.82	167	1047967	39.506 ng	99
74) Di-n-butylphthalate	18.39	149	1235912	38.328 ng	100
75) Fluoranthene	19.47	202	1379804	41.379 ng	100
77) Benzidine	19.64	184	536667	33.911 ng	99
78) Pyrene	19.83	202	1372023	38.362 ng	99
80) Butylbenzylphthalate	20.72	149	582365	36.601 ng	97
81) Benzo(a)anthracene	21.67	228	1349193	38.436 ng	100
82) 3,3'-Dichlorobenzidine	21.58	252	438141	32.264 ng	98
83) Chrysene	21.74	228	1278617	38.133 ng	100
84) Bis(2-ethylhexyl)phthalate	21.60	149	801355	36.493 ng	98
85) Di-n-octyl phthalate	22.81	149	1403378	38.191 ng	99
86) Indeno(1,2,3-cd)pyrene	28.54	276	1727375	39.295 ng	99
88) Benzo(b)fluoranthene	23.89	252	1447372	40.156 ng	100
89) Benzo(k)fluoranthene	23.95	252	1398894	41.012 ng	100
90) Benzo(a)pyrene	24.75	252	1341942	39.789 ng	97
91) Dibenzo(a,h)anthracene	28.61	278	1396695	41.977 ng	98
92) Benzo(g,h,i)perylene	29.69	276	1437691	42.768 ng	95

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

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