Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042720\
Data File : BG045177.D
Acq On : 27 Apr 2020 13:56
Operator : CG/JU
Sample : PB128472BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 27 14:34:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 27 12:48:53 2020
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : PB128472BS

Manual Integrations APPROVED
mohammad
4/28/2020 11:08:00 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	56127	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	235661	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	182679	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	461766	20.00	ng		0.00
76) Chrysene-d12	21.65	240	417363	20.00	ng		0.00
87) Perylene-d12	24.82	264	457889	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	448031	131.79	ng		0.00
7) Phenol-d6	7.16	99	647558	128.20	ng		0.00
23) Nitrobenzene-d5	9.15	82	407698	78.94	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	363349	128.75	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1041953	83.63	ng		0.00
79) Terphenyl-d14	19.99	244	1869365	97.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	57520	38.071	ng		98
3) Pyridine	3.85	79	151872	32.647	ng		92
4) n-Nitrosodimethylamine	3.76	42	61408	43.091	ng		94
6) Aniline	7.31	93	209278	31.866	ng		97
8) 2-Chlorophenol	7.56	128	171931	47.056	ng		96
9) Benzaldehyde	7.12	77	80469	24.714	ng		97
10) Phenol	7.19	94	232849	46.067	ng		99
11) bis(2-Chloroethyl)ether	7.41	93	158746	39.447	ng		97
12) 1,3-Dichlorobenzene	7.88	146	186591	43.338	ng		98
13) 1,4-Dichlorobenzene	8.03	146	185070	43.139	ng		96
14) 1,2-Dichlorobenzene	8.35	146	174303	42.468	ng		93
15) Benzyl Alcohol	8.23	79	175570	41.458	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.52	45	152116	38.507	ng		95
17) 2-Methylphenol	8.44	107	161501	41.413	ng		93
18) Hexachloroethane	9.08	117	71239	44.171	ng		93
19) n-Nitroso-di-n-propylamine	8.80	70	145853	40.831	ng		95
20) 3+4-Methylphenols	8.77	107	226871	41.562	ng		98
22) Acetophenone	8.81	105	269653	42.313	ng	#	98
24) Nitrobenzene	9.19	77	221509	41.841	ng		95
25) Isophorone	9.72	82	438225	41.433	ng		99
26) 2-Nitrophenol	9.91	139	100345	44.003	ng		98
27) 2,4-Dimethylphenol	9.97	122	165304	45.685	ng		96
28) bis(2-Chloroethoxy)methane	10.20	93	234768	42.246	ng		99
29) 2,4-Dichlorophenol	10.45	162	194606	46.578	ng		96
30) 1,2,4-Trichlorobenzene	10.67	180	202919	42.897	ng		98
31) Naphthalene	10.85	128	555210	43.067	ng		98
32) Benzoic acid	10.11	122	89984	33.070	ng		96
33) 4-Chloroaniline	10.95	127	125021	20.794	ng		98
34) Hexachlorobutadiene	11.15	225	139513	43.016	ng		97
35) Caprolactam	11.72	113	75636m	45.486	ng		
36) 4-Chloro-3-methylphenol	12.09	107	234355	47.748	ng		99
37) 2-Methylnaphthalene	12.46	142	441599	44.132	ng		95
38) 1-Methylnaphthalene	12.68	142	425721	45.067	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	244950	41.646	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	352240	95.816	ng		97
43) 2,4,6-Trichlorophenol	13.07	196	185563	44.702	ng		94
44) 2,4,5-Trichlorophenol	13.14	196	199845	42.294	ng		99
46) 1,1'-Biphenyl	13.47	154	577017	41.557	ng		100
47) 2-Chloronaphthalene	13.51	162	453903	42.783	ng		99
48) 2-Nitroaniline	13.71	65	151835	43.497	ng		97
49) Acenaphthylene	14.35	152	764975	44.266	ng		99
50) Dimethylphthalate	14.09	163	662048	44.509	ng		100
51) 2,6-Dinitrotoluene	14.20	165	149039	44.797	ng		97
52) Acenaphthene	14.70	154	577719m	49.410	ng		
53) 3-Nitroaniline	14.53	138	96440	26.430	ng		100
54) 2,4-Dinitrophenol	14.74	184	186378	94.209	ng		94
55) Dibenzofuran	15.04	168	756165	44.358	ng		97
56) 4-Nitrophenol	14.85	139	235769	83.332	ng		97
57) 2,4-Dinitrotoluene	14.99	165	213834	43.980	ng		97
58) Fluorene	15.68	166	635030	45.607	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	205651	48.914	ng		98
60) Diethylphthalate	15.45	149	690718	44.539	ng		100
61) 4-Chlorophenyl-phenylether	15.68	204	351410	43.847	ng		97
62) 4-Nitroaniline	15.70	138	148664	39.280	ng		96
63) Azobenzene	15.97	77	646204	45.195	ng		98
65) 4,6-Dinitro-2-methylphenol	15.76	198	141188	46.517	ng		97
66) n-Nitrosodiphenylamine	15.89	169	574972	43.337	ng		99
67) 4-Bromophenyl-phenylether	16.57	248	246529	41.384	ng		94
68) Hexachlorobenzene	16.69	284	268592	43.474	ng		98
69) Atrazine	16.84	200	244467	51.175	ng		98
70) Pentachlorophenol	17.04	266	319984	84.425	ng		99
71) Phenanthrene	17.43	178	1053232	44.386	ng		99
72) Anthracene	17.52	178	1076497	45.226	ng		100
73) Carbazole	17.79	167	990107	40.990	ng		98
74) Di-n-butylphthalate	18.35	149	1214900	46.393	ng		99
75) Fluoranthene	19.44	202	1308327	47.213	ng		99
77) Benzidine	19.61	184	626831	52.899	ng		98
78) Pyrene	19.79	202	1293711	44.962	ng		99
80) Butylbenzylphthalate	20.68	149	523993	43.934	ng		98
81) Benzo(a)anthracene	21.63	228	1197073	44.252	ng		98
82) 3,3'-Dichlorobenzidine	21.55	252	314555	29.215	ng		98
83) Chrysene	21.69	228	1165847	44.856	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	729648	44.481	ng		99
85) Di-n-octyl phthalate	22.75	149	1241109	43.754	ng		100
86) Indeno(1,2,3-cd)pyrene	28.44	276	1522957	44.133	ng	#	96
88) Benzo(b)fluoranthene	23.82	252	1318892	45.983	ng		100
89) Benzo(k)fluoranthene	23.89	252	1225589	44.932	ng		97
90) Benzo(a)pyrene	24.68	252	1191348	43.993	ng		98
91) Dibenzo(a,h)anthracene	28.49	278	1228625	45.026	ng		95
92) Benzo(g,h,i)perylene	29.56	276	1240649	45.350	ng		97

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

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