Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042919\
Data File : BG040664.D
Acq On : 29 Apr 2019 16:41
Operator : JU/SJ
Sample : PB119264BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB119264BS

Manual Integrations APPROVED
Sohil
4/30/2019 6:44:42 PM

Quant Time: Apr 30 05:43:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 30 05:31:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	46963	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	181271	20.00	ng		0.00
39) Acenaphthene-d10	14.78	164	125608	20.00	ng		-0.01
64) Phenanthrene-d10	17.52	188	334236	20.00	ng		-0.01
76) Chrysene-d12	21.82	240	400251	20.00	ng		0.00
87) Perylene-d12	25.19	264	394003	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	229012	85.96	ng		0.00
7) Phenol-d6	7.29	99	323887	78.96	ng		0.00
23) Nitrobenzene-d5	9.33	82	313815	79.99	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	148672	86.11	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	639811	73.56	ng		-0.01
79) Terphenyl-d14	20.12	244	1362408	75.41	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	55179	45.542	ng		90
3) Pyridine	3.95	79	131074	37.323	ng		95
4) n-Nitrosodimethylamine	3.88	42	74212	38.098	ng	#	89
6) Aniline	7.47	93	133097	24.479	ng		96
8) 2-Chlorophenol	7.71	128	129153	39.702	ng		94
9) Benzaldehyde	7.28	77	33217	13.060	ng		96
10) Phenol	7.31	94	182797	41.455	ng		95
11) bis(2-Chloroethyl)ether	7.57	93	119512	36.143	ng		99
12) 1,3-Dichlorobenzene	8.04	146	136851	38.542	ng		98
13) 1,4-Dichlorobenzene	8.19	146	140335	38.988	ng		98
14) 1,2-Dichlorobenzene	8.51	146	133096	38.342	ng		97
15) Benzyl Alcohol	8.39	79	152452	35.718	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	234113	35.562	ng		96
17) 2-Methylphenol	8.58	107	123295	39.511	ng		94
18) Hexachloroethane	9.24	117	56224	38.079	ng		95
19) n-Nitroso-di-n-propylamine	8.96	70	124598	33.743	ng		98
20) 3+4-Methylphenols	8.91	107	170117	39.133	ng		99
22) Acetophenone	8.98	105	215293	42.711	ng	#	97
24) Nitrobenzene	9.37	77	185648	44.353	ng		99
25) Isophorone	9.89	82	333182	38.127	ng		99
26) 2-Nitrophenol	10.08	139	71423	47.603	ng		90
27) 2,4-Dimethylphenol	10.12	122	141272	50.183	ng		97
28) bis(2-Chloroethoxy)methane	10.37	93	172999	39.458	ng		99
29) 2,4-Dichlorophenol	10.61	162	146293	45.710	ng		96
30) 1,2,4-Trichlorobenzene	10.83	180	149524	42.130	ng		95
31) Naphthalene	11.03	128	396828	41.206	ng		99
32) Benzoic acid	10.25	122	100663	52.233	ng		94
33) 4-Chloroaniline	11.13	127	82339	19.284	ng		95
34) Hexachlorobutadiene	11.29	225	110449	42.153	ng		95
35) Caprolactam	11.91	113	47702m	37.752	ng		
36) 4-Chloro-3-methylphenol	12.23	107	170269	42.173	ng		99
37) 2-Methylnaphthalene	12.62	142	292411	40.610	ng		99
38) 1-Methylnaphthalene	12.84	142	282357	40.119	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	199131	42.557	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	250892	90.866	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	134350	47.512	ng		99
44) 2,4,5-Trichlorophenol	13.28	196	141892	46.064	ng		95
46) 1,1'-Biphenyl	13.62	154	397154	40.724	ng		98
47) 2-Chloronaphthalene	13.66	162	313921	41.132	ng		98
48) 2-Nitroaniline	13.87	65	132935	48.932	ng		99
49) Acenaphthylene	14.51	152	508222	39.249	ng		98
50) Dimethylphthalate	14.23	163	423580	40.305	ng		99
51) 2,6-Dinitrotoluene	14.36	165	93123	45.401	ng		99
52) Acenaphthene	14.85	154	303272	40.217	ng		96
53) 3-Nitroaniline	14.69	138	68436	32.564	ng		99
54) 2,4-Dinitrophenol	14.89	184	108503	92.586	ng	#	85
55) Dibenzofuran	15.18	168	504927	40.880	ng		100
56) 4-Nitrophenol	14.97	139	173514	95.216	ng		99
57) 2,4-Dinitrotoluene	15.14	165	137058	49.175	ng	#	99
58) Fluorene	15.83	166	403801	40.448	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.39	232	148530	47.907	ng		99
60) Diethylphthalate	15.59	149	448863	40.481	ng		99
61) 4-Chlorophenyl-phenylether	15.82	204	244271	42.070	ng		99
62) 4-Nitroaniline	15.85	138	108751	46.260	ng		94
63) Azobenzene	16.11	77	461774	40.438	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	76385	46.621	ng		93
66) n-Nitrosodiphenylamine	16.03	169	379601	38.603	ng		98
67) 4-Bromophenyl-phenylether	16.71	248	160252	38.484	ng		99
68) Hexachlorobenzene	16.82	284	169125	39.279	ng		97
69) Atrazine	16.97	200	166899	42.838	ng		99
70) Pentachlorophenol	17.16	266	232077	92.110	ng		98
71) Phenanthrene	17.57	178	749532	41.634	ng		99
72) Anthracene	17.66	178	762302	42.126	ng		99
73) Carbazole	17.93	167	696681	42.257	ng		99
74) Di-n-butylphthalate	18.47	149	834488	41.936	ng		99
75) Fluoranthene	19.57	202	1009618	45.003	ng		98
77) Benzidine	19.75	184	389108	35.506	ng		98
78) Pyrene	19.93	202	1010026	40.263	ng		99
80) Butylbenzylphthalate	20.80	149	402722	41.189	ng		99
81) Benzo(a)anthracene	21.80	228	999102	39.496	ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	234443	26.002	ng		100
83) Chrysene	21.87	228	985749	40.975	ng		99
84) Bis(2-ethylhexyl)phthalate	21.67	149	562064	39.824	ng		100
85) Di-n-octyl phthalate	22.94	149	961074	40.433	ng		100
86) Indeno(1,2,3-cd)pyrene	29.07	276	1182227	40.645	ng	#	92
88) Benzo(b)fluoranthene	24.11	252	1035870	43.023	ng		98
89) Benzo(k)fluoranthene	24.18	252	986405	43.869	ng		98
90) Benzo(a)pyrene	25.03	252	995730	43.690	ng		98
91) Dibenzo(a,h)anthracene	29.15	278	969259	42.026	ng		97
92) Benzo(g,h,i)perylene	30.30	276	965005	42.041	ng		98

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

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