Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040346.D
Acq On : 4 Apr 2019 5:15
Operator : JU/SJ
Sample : PB118527BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118527BS

Manual Integrations APPROVED
Sohil
4/4/2019 5:40:12 PM

Quant Time: Apr 04 08:06:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	88474	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	351779	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	216822	20.00	ng		-0.02
64) Phenanthrene-d10	17.42	188	513467	20.00	ng		-0.02
76) Chrysene-d12	21.70	240	536038	20.00	ng		-0.03
87) Perylene-d12	24.98	264	522094	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	409047	76.86	ng		-0.02
7) Phenol-d6	7.21	99	574013	78.04	ng		-0.02
23) Nitrobenzene-d5	9.23	82	533850	80.66	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	212864	90.84	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	1158927	79.20	ng		-0.02
79) Terphenyl-d14	20.03	244	1828322	76.73	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	98617	39.407	ng		97
3) Pyridine	3.90	79	255888	37.978	ng		99
4) n-Nitrosodimethylamine	3.83	42	119723	38.413	ng	#	89
6) Aniline	7.38	93	375078	39.251	ng		95
8) 2-Chlorophenol	7.61	128	239724	38.479	ng		96
9) Benzaldehyde	7.19	77	147437	29.223	ng		96
10) Phenol	7.23	94	314839	39.437	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	248638	38.885	ng		96
12) 1,3-Dichlorobenzene	7.93	146	266204	39.308	ng		94
13) 1,4-Dichlorobenzene	8.08	146	267690	39.686	ng		100
14) 1,2-Dichlorobenzene	8.40	146	254397	39.439	ng		99
15) Benzyl Alcohol	8.29	79	225276	38.031	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	452312	36.858	ng		99
17) 2-Methylphenol	8.49	107	214522	38.832	ng		97
18) Hexachloroethane	9.13	117	98690	38.465	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	191655	36.343	ng		98
20) 3+4-Methylphenols	8.82	107	297736	39.784	ng		99
22) Acetophenone	8.88	105	380477	43.359	ng	#	95
24) Nitrobenzene	9.27	77	288600	42.111	ng		98
25) Isophorone	9.78	82	552047	40.540	ng		98
26) 2-Nitrophenol	9.97	139	140307	43.206	ng		97
27) 2,4-Dimethylphenol	10.02	122	222786	43.190	ng		95
28) bis(2-Chloroethoxy)methane	10.26	93	330733	41.052	ng		98
29) 2,4-Dichlorophenol	10.51	162	245379	43.826	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	263032	42.785	ng		98
31) Naphthalene	10.91	128	761364	42.225	ng		99
32) Benzoic acid	10.17	122	128386	41.195	ng		93
33) 4-Chloroaniline	11.03	127	336292	43.724	ng		99
34) Hexachlorobutadiene	11.17	225	164604	41.865	ng		93
35) Caprolactam	11.82	113	90277m	40.631	ng		
36) 4-Chloro-3-methylphenol	12.14	107	274734	42.683	ng		98
37) 2-Methylnaphthalene	12.51	142	568315	42.616	ng		98
38) 1-Methylnaphthalene	12.73	142	535537	41.413	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	289628	42.028	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	320902	84.808 ng	96
43) 2,4,6-Trichlorophenol	13.12	196	197554	44.463 ng	96
44) 2,4,5-Trichlorophenol	13.19	196	211380	43.648 ng	98
46) 1,1'-Biphenyl	13.52	154	704797	41.140 ng	99
47) 2-Chloronaphthalene	13.56	162	553642	42.130 ng	99
48) 2-Nitroaniline	13.77	65	188657	42.561 ng	98
49) Acenaphthylene	14.41	152	885180	39.729 ng	98
50) Dimethylphthalate	14.13	163	705983	41.603 ng	100
51) 2,6-Dinitrotoluene	14.26	165	163689	42.960 ng	98
52) Acenaphthene	14.74	154	522082	40.893 ng	97
53) 3-Nitroaniline	14.60	138	181829	45.083 ng	99
54) 2,4-Dinitrophenol	14.80	184	195108	96.285 ng	89
55) Dibenzofuran	15.08	168	859728	41.908 ng	98
56) 4-Nitrophenol	14.90	139	276788	85.030 ng	97
57) 2,4-Dinitrotoluene	15.05	165	234158	44.228 ng	99
58) Fluorene	15.73	166	671671	41.643 ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	197632	44.971 ng	99
60) Diethylphthalate	15.48	149	727701	41.907 ng	100
61) 4-Chlorophenyl-phenylether	15.71	204	367198	42.591 ng	99
62) 4-Nitroaniline	15.77	138	188037	43.443 ng	99
63) Azobenzene	16.01	77	678104	41.400 ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	141148	48.929 ng	97
66) n-Nitrosodiphenylamine	15.93	169	631467	42.026 ng	98
67) 4-Bromophenyl-phenylether	16.61	248	242209	41.917 ng	98
68) Hexachlorobenzene	16.72	284	244856	42.145 ng	96
69) Atrazine	16.87	200	81194	14.527 ng	94
70) Pentachlorophenol	17.07	266	270646	80.576 ng	96
71) Phenanthrene	17.47	178	1112188	41.209 ng	99
72) Anthracene	17.56	178	1133674	41.967 ng	98
73) Carbazole	17.83	167	1082707	42.351 ng	99
74) Di-n-butylphthalate	18.36	149	1264386	41.724 ng	99
75) Fluoranthene	19.47	202	1374329	43.004 ng	99
77) Benzidine	19.66	184	976869	50.466 ng	99
78) Pyrene	19.84	202	1363058	38.668 ng	97
80) Butylbenzylphthalate	20.70	149	633630	42.006 ng	98
81) Benzo(a)anthracene	21.68	228	1362896	41.279 ng	97
82) 3,3'-Dichlorobenzidine	21.59	252	540457	43.031 ng	99
83) Chrysene	21.75	228	1279904	40.336 ng	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	884583	41.024 ng	99
85) Di-n-octyl phthalate	22.77	149	1536671	41.829 ng	99
86) Indeno(1,2,3-cd)pyrene	28.75	276	1648091	42.466 ng	100
88) Benzo(b)fluoranthene	23.93	252	1400456	43.813 ng	98
89) Benzo(k)fluoranthene	24.00	252	1384193m	47.089 ng	
90) Benzo(a)pyrene	24.83	252	1403789	46.807 ng	98
91) Dibenzo(a,h)anthracene	28.82	278	1335499	47.946 ng	98
92) Benzo(g,h,i)perylene	29.95	276	1379436	48.188 ng	98

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

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