Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
Data File : BG036802.D
Acq On : 19 Sep 2018 1:40
Operator : JU/SJ
Sample : PB112954BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB112954BSD

Manual Integrations APPROVED
Sohil
9/19/2018 12:30:10 PM

Quant Time: Sep 19 07:28:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	40089	20.00	ng		-0.02
21) Naphthalene-d8	10.85	136	186002	20.00	ng		-0.01
38) Acenaphthene-d10	14.67	164	134675	20.00	ng		-0.01
63) Phenanthrene-d10	17.42	188	374086	20.00	ng		-0.01
75) Chrysene-d12	21.69	240	366762	20.00	ng		0.00
86) Perylene-d12	24.89	264	385014	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	347551	137.52	ng		0.00
7) Phenol-d6	7.21	99	484558	133.92	ng		0.00
23) Nitrobenzene-d5	9.21	82	297595	86.81	ng		-0.01
41) 2,4,6-Tribromophenol	16.17	330	248705	154.77	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	743262	78.80	ng		-0.01
78) Terphenyl-d14	20.03	244	1364504	86.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	39651	33.619	ng		98
3) Pyridine	3.92	79	116585	35.216	ng		97
4) n-Nitrosodimethylamine	3.83	42	61447	41.672	ng		96
6) Aniline	7.37	93	147593	32.136	ng		98
8) 2-Chlorophenol	7.61	128	120802	44.079	ng		95
9) Benzaldehyde	7.18	77	57862	23.222	ng		98
10) Phenol	7.24	94	170081	44.917	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	114987	38.304	ng		99
12) 1,3-Dichlorobenzene	7.94	146	122478	39.138	ng		99
13) 1,4-Dichlorobenzene	8.09	146	123794	39.181	ng		98
14) 1,2-Dichlorobenzene	8.40	146	117624	38.982	ng		98
15) Benzyl Alcohol	8.28	79	122567	42.020	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	227679	37.608	ng		99
17) 2-Methylphenol	8.49	107	114051	45.361	ng		98
18) Hexachloroethane	9.13	117	46241	40.820	ng		93
19) n-Nitroso-di-n-propylamine	8.85	70	103848	38.402	ng		93
20) 3+4-Methylphenols	8.82	107	159501	45.438	ng		99
22) Acetophenone	8.87	105	184912	37.858	ng	#	97
24) Nitrobenzene	9.25	77	152093	41.143	ng		98
25) Isophorone	9.77	82	290428	42.646	ng		98
26) 2-Nitrophenol	9.96	139	69352	47.343	ng		95
27) 2,4-Dimethylphenol	10.02	122	126344	46.586	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	167218	40.008	ng		97
29) 2,4-Dichlorophenol	10.50	162	138721	46.671	ng		91
30) 1,2,4-Trichlorobenzene	10.71	180	134340	38.636	ng		100
31) Naphthalene	10.90	128	389908	41.934	ng		99
32) Benzoic acid	10.16	122	84538	42.600	ng		95
33) 4-Chloroaniline	11.01	127	111432	26.153	ng		100
34) Hexachlorobutadiene	11.19	225	90411	38.700	ng		98
35) Caprolactam	11.79	113	56901m	48.056	ng		
36) 4-Chloro-3-methylphenol	12.12	107	165106	47.806	ng		98
37) 2-Methylnaphthalene	12.51	142	309182	45.445	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	175099	36.739	ng		97
40) Hexachlorocyclopentadiene	12.85	237	212952	85.876	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	127799	44.020	ng		96
43) 2,4,5-Trichlorophenol	13.18	196	138813	44.828	ng		98
45) 1,1'-Biphenyl	13.51	154	408828	36.571	ng		98
46) 2-Chloronaphthalene	13.55	162	316137	37.043	ng		98
47) 2-Nitroaniline	13.75	65	125857	46.963	ng		98
48) Acenaphthylene	14.40	152	558002	41.836	ng		99
49) Dimethylphthalate	14.13	163	458629	41.705	ng		99
50) 2,6-Dinitrotoluene	14.24	165	103956	45.940	ng		98
51) Acenaphthene	14.74	154	326206	38.188	ng		98
52) 3-Nitroaniline	14.58	138	83007	34.040	ng		100
53) 2,4-Dinitrophenol	14.78	184	89464	104.377	ng		94
54) Dibenzofuran	15.07	168	545002	40.725	ng		99
55) 4-Nitrophenol	14.89	139	176561	88.554	ng		98
56) 2,4-Dinitrotoluene	15.03	165	151954	51.524	ng		90
57) Fluorene	15.72	166	445036	44.484	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	148907	51.182	ng		95
59) Diethylphthalate	15.49	149	470132	42.421	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	252640	40.896	ng		97
61) 4-Nitroaniline	15.74	138	116502	45.655	ng		99
62) Azobenzene	16.01	77	458685	40.677	ng		98
64) 4,6-Dinitro-2-methylphenol	15.80	198	81055	49.325	ng		99
65) n-Nitrosodiphenylamine	15.93	169	414155	37.260	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	168749	38.529	ng		98
67) Hexachlorobenzene	16.72	284	173258	38.687	ng		93
68) Atrazine	16.87	200	180717	43.315	ng		98
69) Pentachlorophenol	17.07	266	209946	68.976	ng		96
70) Phenanthrene	17.46	178	776186	40.834	ng		99
71) Anthracene	17.55	178	791616	41.778	ng		100
72) Carbazole	17.82	167	699371	36.958	ng		99
73) Di-n-butylphthalate	18.38	149	807913	38.340	ng		99
74) Fluoranthene	19.47	202	948959	40.947	ng		99
76) Benzidine	19.64	184	457371	39.087	ng		99
77) Pyrene	19.83	202	927576	41.127	ng		99
79) Butylbenzylphthalate	20.71	149	364124	40.568	ng		94
80) Benzo(a)anthracene	21.67	228	922065	41.499	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	231922	26.191	ng		99
82) Chrysene	21.74	228	855865	40.638	ng		100
83) Bis(2-ethylhexyl)phthalate	21.57	149	494783	39.393	ng		99
84) Di-n-octyl phthalate	22.78	149	834228	39.764	ng		98
85) Indeno(1,2,3-cd)pyrene	28.54	276	1008710	41.236	ng	#	95
87) Benzo(b)fluoranthene	23.87	252	904269	42.295	ng		98
88) Benzo(k)fluoranthene	23.95	252	863821	41.357	ng		98
89) Benzo(a)pyrene	24.74	252	873784	42.531	ng		99
90) Dibenzo(a,h)anthracene	28.61	278	815884	41.136	ng		98
91) Benzo(g,h,i)perylene	29.69	276	830837	41.685	ng		96

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

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