Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011819\
Data File : BG039220.D
Acq On : 18 Jan 2019 17:56
Operator : JU/SJ
Sample : PB116481BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116481BSD

Manual Integrations APPROVED
Sohil
1/21/2019 12:11:40 PM

Quant Time: Jan 18 22:12:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	12525	20.00	ng		-0.01
21) Naphthalene-d8	10.82	136	52479	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	37548	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	103302	20.00	ng		0.00
76) Chrysene-d12	21.68	240	106407	20.00	ng		0.00
87) Perylene-d12	24.93	264	111312	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	101498	153.72	ng		0.00
7) Phenol-d6	7.17	99	141336	148.74	ng		0.00
23) Nitrobenzene-d5	9.19	82	76004	79.25	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	86324	137.15	ng		-0.01
45) 2-Fluorobiphenyl	13.27	172	222944	81.26	ng		0.00
79) Terphenyl-d14	20.00	244	466897	81.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	15716	60.783	ng		92
3) Pyridine	3.84	79	28793	40.983	ng		96
4) n-Nitrosodimethylamine	3.76	42	16268	51.457	ng		93
6) Aniline	7.33	93	37296	32.683	ng		97
8) 2-Chlorophenol	7.58	128	36247	46.571	ng		96
9) Benzaldehyde	7.15	77	10283	18.765	ng		94
10) Phenol	7.20	94	44594	46.810	ng		96
11) bis(2-Chloroethyl)ether	7.43	93	29551	40.586	ng		99
12) 1,3-Dichlorobenzene	7.89	146	37396	40.103	ng		99
13) 1,4-Dichlorobenzene	8.04	146	38153	40.398	ng		96
14) 1,2-Dichlorobenzene	8.36	146	36300	40.312	ng		97
15) Benzyl Alcohol	8.25	79	31912	44.596	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.53	45	56784	40.672	ng		98
17) 2-Methylphenol	8.45	107	31045	46.932	ng		94
18) Hexachloroethane	9.08	117	13289	41.418	ng		93
19) n-Nitroso-di-n-propylamine	8.82	70	24665	39.529	ng		96
20) 3+4-Methylphenols	8.78	107	42945	45.535	ng		97
22) Acetophenone	8.84	105	51034	37.238	ng	#	95
24) Nitrobenzene	9.23	77	38799	40.024	ng		98
25) Isophorone	9.74	82	72943	44.154	ng		98
26) 2-Nitrophenol	9.94	139	20820	39.707	ng		95
27) 2,4-Dimethylphenol	9.99	122	37056	50.234	ng		90
28) bis(2-Chloroethoxy)methane	10.23	93	41105	41.400	ng		97
29) 2,4-Dichlorophenol	10.47	162	43805	47.800	ng		94
30) 1,2,4-Trichlorobenzene	10.68	180	42982	39.035	ng		97
31) Naphthalene	10.88	128	111171	42.237	ng		100
32) Benzoic acid	10.15	122	17625m	40.649	ng		
33) 4-Chloroaniline	11.00	127	25549	21.693	ng		95
34) Hexachlorobutadiene	11.14	225	29364	38.756	ng		97
35) Caprolactam	11.78	113	14219m	38.693	ng		
36) 4-Chloro-3-methylphenol	12.11	107	44432	45.331	ng		90
37) 2-Methylnaphthalene	12.48	142	87275	44.227	ng		97
38) 1-Methylnaphthalene	12.70	142	83241	43.947	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	55883	39.629	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	65531	82.332	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	40229	45.328	ng		99
44) 2,4,5-Trichlorophenol	13.16	196	43906	46.807	ng		98
46) 1,1'-Biphenyl	13.48	154	119680	40.226	ng		100
47) 2-Chloronaphthalene	13.53	162	97674	40.568	ng		97
48) 2-Nitroaniline	13.75	65	30150	44.699	ng		99
49) Acenaphthylene	14.37	152	163381	45.148	ng		99
50) Dimethylphthalate	14.10	163	140449	44.264	ng		100
51) 2,6-Dinitrotoluene	14.24	165	30165	42.522	ng		97
52) Acenaphthene	14.71	154	91774	42.209	ng		97
53) 3-Nitroaniline	14.57	138	18694	25.977	ng		99
54) 2,4-Dinitrophenol	14.79	184	37085	86.938	ng		97
55) Dibenzofuran	15.05	168	160789	41.872	ng		100
56) 4-Nitrophenol	14.88	139	46970	90.711	ng		97
57) 2,4-Dinitrotoluene	15.03	165	43747	42.984	ng	#	95
58) Fluorene	15.70	166	131335	45.437	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.28	232	42040	47.478	ng		98
60) Diethylphthalate	15.45	149	143458	43.882	ng		100
61) 4-Chlorophenyl-phenylether	15.68	204	74421	40.868	ng		98
62) 4-Nitroaniline	15.74	138	31858	42.496	ng		98
63) Azobenzene	15.98	77	106072	41.490	ng		97
65) 4,6-Dinitro-2-methylphenol	15.78	198	29212	38.170	ng		95
66) n-Nitrosodiphenylamine	15.90	169	119737	39.099	ng		96
67) 4-Bromophenyl-phenylether	16.58	248	51928	39.105	ng		98
68) Hexachlorobenzene	16.69	284	54734	37.774	ng		97
69) Atrazine	16.85	200	51113	39.289	ng		96
70) Pentachlorophenol	17.05	266	54949	62.728	ng		96
71) Phenanthrene	17.44	178	229465	42.025	ng		98
72) Anthracene	17.53	178	246994	45.751	ng		99
73) Carbazole	17.81	167	206365	38.721	ng		99
74) Di-n-butylphthalate	18.34	149	241521	40.736	ng		98
75) Fluoranthene	19.45	202	292920	43.274	ng		99
77) Benzidine	19.64	184	114172	35.080	ng		99
78) Pyrene	19.81	202	289665	42.716	ng		99
80) Butylbenzylphthalate	20.68	149	106122	41.146	ng		98
81) Benzo(a)anthracene	21.65	228	286765	44.271	ng		97
82) 3,3'-Dichlorobenzidine	21.57	252	64678	24.506	ng		99
83) Chrysene	21.72	228	262806	42.658	ng		100
84) Bis(2-ethylhexyl)phthalate	21.52	149	153009	42.726	ng		99
85) Di-n-octyl phthalate	22.73	149	259739	42.893	ng		98
86) Indeno(1,2,3-cd)pyrene	28.67	276	324608	44.096	ng	#	96
88) Benzo(b)fluoranthene	23.89	252	280475	45.697	ng		98
89) Benzo(k)fluoranthene	23.96	252	276514	45.565	ng		100
90) Benzo(a)pyrene	24.78	252	269659	45.454	ng		98
91) Dibenzo(a,h)anthracene	28.73	278	267178	45.277	ng		99
92) Benzo(g,h,i)perylene	29.86	276	269436	46.121	ng		97

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

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