Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
Data File : BG038437.D
Acq On : 10 Dec 2018 11:21
Operator : JU/SJ
Sample : PB115249BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115249BS

Manual Integrations APPROVED
Sohil
12/11/2018 6:07:17 PM

Quant Time: Dec 11 14:37:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	27871	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	119167	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	79751	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	207697	20.00	ng		0.00
76) Chrysene-d12	21.74	240	200703	20.00	ng		0.00
87) Perylene-d12	25.04	264	204290	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	179887	114.22	ng		0.00
7) Phenol-d6	7.22	99	247509	108.73	ng		0.00
23) Nitrobenzene-d5	9.25	82	158062	65.85	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	114448	116.90	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	378140	67.56	ng		0.00
79) Terphenyl-d14	20.06	244	687206	73.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	18430	25.532	ng	#	91
3) Pyridine	3.90	79	74094	34.311	ng		93
4) n-Nitrosodimethylamine	3.82	42	39406	41.658	ng		89
6) Aniline	7.39	93	68170	23.447	ng		98
8) 2-Chlorophenol	7.63	128	68798	37.613	ng		98
9) Benzaldehyde	7.21	77	38607	26.784	ng		97
10) Phenol	7.25	94	88020	36.597	ng		91
11) bis(2-Chloroethyl)ether	7.49	93	61692	31.320	ng		95
12) 1,3-Dichlorobenzene	7.95	146	67059	31.368	ng		97
13) 1,4-Dichlorobenzene	8.11	146	68975	31.183	ng		98
14) 1,2-Dichlorobenzene	8.42	146	65830	30.370	ng		94
15) Benzyl Alcohol	8.31	79	58945	31.497	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.59	45	137547	30.700	ng		97
17) 2-Methylphenol	8.50	107	60549	35.260	ng		96
18) Hexachloroethane	9.15	117	25102	31.443	ng		92
19) n-Nitroso-di-n-propylamine	8.88	70	52412	31.031	ng		91
20) 3+4-Methylphenols	8.83	107	81479	33.627	ng		95
22) Acetophenone	8.90	105	100866	34.722	ng	#	97
24) Nitrobenzene	9.29	77	81999	33.625	ng		100
25) Isophorone	9.80	82	147927	35.069	ng	#	96
26) 2-Nitrophenol	10.00	139	38204	33.811	ng		90
27) 2,4-Dimethylphenol	10.04	122	68906	42.458	ng		95
28) bis(2-Chloroethoxy)methane	10.29	93	87586	36.221	ng		98
29) 2,4-Dichlorophenol	10.53	162	72540	39.156	ng		98
30) 1,2,4-Trichlorobenzene	10.74	180	73858	33.962	ng		98
31) Naphthalene	10.94	128	210532	36.985	ng		99
32) Benzoic acid	10.18	122	29397	27.743	ng		99
33) 4-Chloroaniline	11.06	127	21994	8.728	ng		99
34) Hexachlorobutadiene	11.20	225	46224	33.975	ng		95
35) Caprolactam	11.84	113	27560	35.974	ng	#	84
36) 4-Chloro-3-methylphenol	12.16	107	81578	39.632	ng		95
37) 2-Methylnaphthalene	12.54	142	156597	38.630	ng		98
38) 1-Methylnaphthalene	12.76	142	150730	38.822	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	89432	32.589	ng		99

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QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	108385	71.870	ng		97
43) 2,4,6-Trichlorophenol	13.14	196	64344	36.196	ng		99
44) 2,4,5-Trichlorophenol	13.21	196	70087	37.216	ng		96
46) 1,1'-Biphenyl	13.54	154	207769	30.821	ng		99
47) 2-Chloronaphthalene	13.59	162	167488	32.925	ng		98
48) 2-Nitroaniline	13.80	65	60816	35.635	ng		96
49) Acenaphthylene	14.43	152	281406	36.731	ng		97
50) Dimethylphthalate	14.16	163	229678	35.906	ng		99
51) 2,6-Dinitrotoluene	14.29	165	52555	35.967	ng		92
52) Acenaphthene	14.77	154	160597	34.385	ng		98
53) 3-Nitroaniline	14.62	138	34269	21.776	ng	#	92
54) 2,4-Dinitrophenol	14.83	184	63975	79.870	ng		87
55) Dibenzofuran	15.10	168	273945	35.479	ng		99
56) 4-Nitrophenol	14.92	139	88619	71.287	ng	#	84
57) 2,4-Dinitrotoluene	15.07	165	77172	38.292	ng		95
58) Fluorene	15.76	166	221093	38.866	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	65050	39.771	ng	#	98
60) Diethylphthalate	15.51	149	244213	34.460	ng		100
61) 4-Chlorophenyl-phenylether	15.74	204	119345	34.928	ng		99
62) 4-Nitroaniline	15.78	138	57651	37.246	ng		89
63) Azobenzene	16.03	77	214866	34.644	ng		94
65) 4,6-Dinitro-2-methylphenol	15.83	198	47498	34.903	ng		94
66) n-Nitrosodiphenylamine	15.96	169	206923	35.429	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	82191	36.645	ng		99
68) Hexachlorobenzene	16.75	284	84699	36.611	ng		97
69) Atrazine	16.90	200	85647	39.299	ng		97
70) Pentachlorophenol	17.09	266	98039	61.870	ng		96
71) Phenanthrene	17.49	178	395214	37.996	ng		99
72) Anthracene	17.59	178	403104	40.019	ng		99
73) Carbazole	17.86	167	367246	36.735	ng		98
74) Di-n-butylphthalate	18.39	149	442971	37.928	ng		98
75) Fluoranthene	19.50	202	491386	40.435	ng		97
77) Benzidine	19.69	184	133691	19.740	ng		98
78) Pyrene	19.87	202	486677	34.657	ng		97
80) Butylbenzylphthalate	20.73	149	191606	33.924	ng		99
81) Benzo(a)anthracene	21.72	228	454247	36.825	ng		99
82) 3,3'-Dichlorobenzidine	21.63	252	107483	22.399	ng		99
83) Chrysene	21.78	228	426026	36.496	ng		98
84) Bis(2-ethylhexyl)phthalate	21.58	149	273313	34.141	ng		99
85) Di-n-octyl phthalate	22.81	149	460537	33.550	ng		98
86) Indeno(1,2,3-cd)pyrene	28.83	276	510122	38.453	ng	#	95
88) Benzo(b)fluoranthene	23.99	252	441013m	38.206	ng		
89) Benzo(k)fluoranthene	24.05	252	434994	37.837	ng		98
90) Benzo(a)pyrene	24.89	252	429106	38.325	ng		98
91) Dibenzo(a,h)anthracene	28.89	278	421864	39.726	ng		97
92) Benzo(g,h,i)perylene	30.03	276	564696	53.597	ng		98

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

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