Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121618\
Data File : BG038640.D
Acq On : 16 Dec 2018 14:45
Operator : JU/SJ
Sample : PB115718BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115718BS

Manual Integrations APPROVED
Sohil
12/17/2018 4:14:03 PM

Quant Time: Dec 17 06:07:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	21182	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	82324	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	52496	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	134340	20.00	ng		0.00
76) Chrysene-d12	21.72	240	143696	20.00	ng		0.00
87) Perylene-d12	25.02	264	158339	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	169313	141.77	ng		0.00
7) Phenol-d6	7.21	99	218451	133.24	ng		0.00
23) Nitrobenzene-d5	9.24	82	117076	72.65	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	100458	138.85	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	263601	68.89	ng		0.00
79) Terphenyl-d14	20.04	244	533840	80.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	19911	35.823	ng	#	89
3) Pyridine	3.89	79	55902	36.530	ng		96
4) n-Nitrosodimethylamine	3.82	42	36737	48.994	ng	#	84
6) Aniline	7.39	93	66881	31.956	ng		99
8) 2-Chlorophenol	7.62	128	58744	42.506	ng		97
9) Benzaldehyde	7.20	77	19875	18.687	ng		96
10) Phenol	7.24	94	73186	42.018	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	51597	37.207	ng		98
12) 1,3-Dichlorobenzene	7.95	146	61500	37.636	ng		99
13) 1,4-Dichlorobenzene	8.09	146	63348	37.852	ng		95
14) 1,2-Dichlorobenzene	8.42	146	59946	37.994	ng		99
15) Benzyl Alcohol	8.30	79	54040	42.229	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	121748	38.326	ng		99
17) 2-Methylphenol	8.50	107	50259	43.068	ng		97
18) Hexachloroethane	9.14	117	23086	37.750	ng		97
19) n-Nitroso-di-n-propylamine	8.86	70	42675	37.061	ng		95
20) 3+4-Methylphenols	8.83	107	67463	41.860	ng		97
22) Acetophenone	8.89	105	85143	41.406	ng		97
24) Nitrobenzene	9.28	77	68337	41.920	ng		96
25) Isophorone	9.79	82	120768	41.712	ng		98
26) 2-Nitrophenol	9.99	139	33063	39.627	ng		97
27) 2,4-Dimethylphenol	10.03	122	59277	49.572	ng		94
28) bis(2-Chloroethoxy)methane	10.27	93	69539	42.560	ng		97
29) 2,4-Dichlorophenol	10.52	162	61240	46.035	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	64509	40.146	ng		95
31) Naphthalene	10.93	128	177103	43.663	ng		99
32) Benzoic acid	10.19	122	20475m	31.413	ng		
33) 4-Chloroaniline	11.04	127	38448	21.833	ng		99
34) Hexachlorobutadiene	11.19	225	42323	38.926	ng		93
35) Caprolactam	11.82	113	19826	36.013	ng		93
36) 4-Chloro-3-methylphenol	12.15	107	62201	40.974	ng		91
37) 2-Methylnaphthalene	12.53	142	130693	45.164	ng		97
38) 1-Methylnaphthalene	12.75	142	124042	44.174	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	79189	40.356	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	105334	97.706	ng		96
43) 2,4,6-Trichlorophenol	13.13	196	51760	42.900	ng		98
44) 2,4,5-Trichlorophenol	13.21	196	58114	45.492	ng		98
46) 1,1'-Biphenyl	13.53	154	170908	38.835	ng		99
47) 2-Chloronaphthalene	13.58	162	137745	40.520	ng		99
48) 2-Nitroaniline	13.79	65	46856	43.273	ng		98
49) Acenaphthylene	14.42	152	222073	43.698	ng		98
50) Dimethylphthalate	14.15	163	179691	41.915	ng		98
51) 2,6-Dinitrotoluene	14.28	165	40914	42.114	ng		96
52) Acenaphthene	14.76	154	127118	41.831	ng		96
53) 3-Nitroaniline	14.62	138	30316	30.612	ng		92
54) 2,4-Dinitrophenol	14.82	184	43026	74.794	ng		96
55) Dibenzofuran	15.09	168	212589	40.811	ng		98
56) 4-Nitrophenol	14.92	139	65257	86.859	ng		91
57) 2,4-Dinitrotoluene	15.06	165	58940	43.074	ng		96
58) Fluorene	15.74	166	174614	45.245	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.32	232	51226	44.571	ng		98
60) Diethylphthalate	15.50	149	186603	39.651	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	96486	40.070	ng		98
62) 4-Nitroaniline	15.78	138	45613	44.738	ng		95
63) Azobenzene	16.02	77	164381	41.811	ng		96
65) 4,6-Dinitro-2-methylphenol	15.83	198	36528	38.117	ng		96
66) n-Nitrosodiphenylamine	15.95	169	158015	40.032	ng		96
67) 4-Bromophenyl-phenylether	16.62	248	64511	39.320	ng		95
68) Hexachlorobenzene	16.74	284	67727	39.822	ng		97
69) Atrazine	16.89	200	66509	45.403	ng		96
70) Pentachlorophenol	17.09	266	74262	73.821	ng		95
71) Phenanthrene	17.49	178	308655	44.306	ng		98
72) Anthracene	17.58	178	315322	45.850	ng		99
73) Carbazole	17.85	167	290637	42.731	ng		99
74) Di-n-butylphthalate	18.38	149	344581	44.152	ng		99
75) Fluoranthene	19.49	202	389598	45.200	ng		97
77) Benzidine	19.68	184	183358	43.146	ng		100
78) Pyrene	19.86	202	390671	41.154	ng		99
80) Butylbenzylphthalate	20.73	149	150433	40.561	ng		99
81) Benzo(a)anthracene	21.70	228	388097	44.323	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	100755	29.013	ng		98
83) Chrysene	21.77	228	361502	42.863	ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	219056	41.645	ng		99
85) Di-n-octyl phthalate	22.80	149	384532	43.651	ng		99
86) Indeno(1,2,3-cd)pyrene	28.81	276	455644	45.953	ng	#	82
88) Benzo(b)fluoranthene	23.96	252	396529	45.612	ng		98
89) Benzo(k)fluoranthene	24.03	252	390867	45.151	ng		98
90) Benzo(a)pyrene	24.87	252	387943	46.256	ng		98
91) Dibenzo(a,h)anthracene	28.86	278	382324	45.784	ng		99
92) Benzo(g,h,i)perylene	30.00	276	377359	45.854	ng		99

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

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