Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
Data File : BG038584.D
Acq On : 15 Dec 2018 1:42
Operator : JU/SJ
Sample : PB115532BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115532BS

Manual Integrations APPROVED
Sohil
12/17/2018 4:11:55 PM

Quant Time: Dec 15 04:23:48 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	22331	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	89381	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	57622	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	147243	20.00	ng		0.00
76) Chrysene-d12	21.72	240	161082	20.00	ng		0.00
87) Perylene-d12	25.02	264	175275	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	160843	127.75	ng		0.00
7) Phenol-d6	7.21	99	207056	119.79	ng		0.00
23) Nitrobenzene-d5	9.24	82	123446	70.56	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	94538	119.05	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	286148	68.13	ng		0.00
79) Terphenyl-d14	20.04	244	621172	83.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	20126	34.346	ng	#	86
3) Pyridine	3.89	79	55563	34.440	ng		90
4) n-Nitrosodimethylamine	3.82	42	36027	45.575	ng	#	89
6) Aniline	7.39	93	77916	35.313	ng		94
8) 2-Chlorophenol	7.62	128	65883	45.218	ng		99
9) Benzaldehyde	7.20	77	22906	20.429	ng		99
10) Phenol	7.24	94	82356	44.850	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	56952	38.956	ng		99
12) 1,3-Dichlorobenzene	7.95	146	67407	39.128	ng		98
13) 1,4-Dichlorobenzene	8.09	146	68734	38.957	ng		99
14) 1,2-Dichlorobenzene	8.41	146	64589	38.831	ng		98
15) Benzyl Alcohol	8.30	79	58124	43.084	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	130327	38.915	ng		99
17) 2-Methylphenol	8.50	107	57345	46.611	ng		96
18) Hexachloroethane	9.14	117	25061	38.871	ng		94
19) n-Nitroso-di-n-propylamine	8.86	70	47729	39.317	ng		97
20) 3+4-Methylphenols	8.83	107	76076	44.775	ng		97
22) Acetophenone	8.89	105	94365	42.268	ng	#	98
24) Nitrobenzene	9.28	77	73604	41.586	ng		98
25) Isophorone	9.79	82	133947	42.611	ng		98
26) 2-Nitrophenol	9.99	139	36834	40.661	ng		99
27) 2,4-Dimethylphenol	10.03	122	64818	49.926	ng		96
28) bis(2-Chloroethoxy)methane	10.27	93	76313	43.018	ng		98
29) 2,4-Dichlorophenol	10.52	162	67276	46.580	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	71000	40.697	ng		92
31) Naphthalene	10.93	128	193817	44.011	ng		97
32) Benzoic acid	10.18	122	28760m	37.655	ng		
33) 4-Chloroaniline	11.04	127	42998	22.489	ng		97
34) Hexachlorobutadiene	11.19	225	46198	39.135	ng		93
35) Caprolactam	11.82	113	22030m	36.857	ng		
36) 4-Chloro-3-methylphenol	12.15	107	69826	42.365	ng		91
37) 2-Methylnaphthalene	12.53	142	143833	45.781	ng		98
38) 1-Methylnaphthalene	12.75	142	135864	44.564	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	83436	38.737	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	112063	94.701	ng		91
43) 2,4,6-Trichlorophenol	13.13	196	56847	42.924	ng		98
44) 2,4,5-Trichlorophenol	13.21	196	63504	45.289	ng		96
46) 1,1'-Biphenyl	13.53	154	186046	38.514	ng		99
47) 2-Chloronaphthalene	13.58	162	149339	40.023	ng		96
48) 2-Nitroaniline	13.79	65	50636	42.604	ng		97
49) Acenaphthylene	14.42	152	245642	44.036	ng		100
50) Dimethylphthalate	14.15	163	199984	42.499	ng		99
51) 2,6-Dinitrotoluene	14.28	165	45266	42.449	ng		97
52) Acenaphthene	14.76	154	138280	41.456	ng		94
53) 3-Nitroaniline	14.62	138	32858	30.227	ng		99
54) 2,4-Dinitrophenol	14.82	184	51085	80.480	ng		96
55) Dibenzofuran	15.09	168	233831	40.896	ng		98
56) 4-Nitrophenol	14.92	139	74661	90.536	ng		98
57) 2,4-Dinitrotoluene	15.06	165	65311	43.484	ng		99
58) Fluorene	15.74	166	188913	44.595	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	55938	44.341	ng		98
60) Diethylphthalate	15.50	149	207672	40.202	ng		98
61) 4-Chlorophenyl-phenylether	15.73	204	104398	39.499	ng		98
62) 4-Nitroaniline	15.78	138	48925	43.717	ng		99
63) Azobenzene	16.03	77	179715	41.645	ng		99
65) 4,6-Dinitro-2-methylphenol	15.83	198	40439	38.500	ng		94
66) n-Nitrosodiphenylamine	15.95	169	174172	40.259	ng		96
67) 4-Bromophenyl-phenylether	16.62	248	68863	38.294	ng		97
68) Hexachlorobenzene	16.74	284	72474	38.879	ng		96
69) Atrazine	16.89	200	72762	45.319	ng		98
70) Pentachlorophenol	17.09	266	83311	75.559	ng		99
71) Phenanthrene	17.49	178	334856	43.855	ng		98
72) Anthracene	17.58	178	345293	45.808	ng		99
73) Carbazole	17.85	167	317919	42.646	ng		100
74) Di-n-butylphthalate	18.38	149	380576	44.491	ng		99
75) Fluoranthene	19.49	202	440524	46.630	ng		98
77) Benzidine	19.68	184	230666	48.420	ng		99
78) Pyrene	19.86	202	437273	41.091	ng		100
80) Butylbenzylphthalate	20.73	149	175150	42.128	ng		99
81) Benzo(a)anthracene	21.70	228	433880	44.203	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	109655	28.168	ng		96
83) Chrysene	21.77	228	400715	42.385	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	248501	42.144	ng		98
85) Di-n-octyl phthalate	22.80	149	423183	42.853	ng		99
86) Indeno(1,2,3-cd)pyrene	28.80	276	489919	44.077	ng	#	98
88) Benzo(b)fluoranthene	23.96	252	434095	45.109	ng		97
89) Benzo(k)fluoranthene	24.03	252	411879	42.981	ng		99
90) Benzo(a)pyrene	24.86	252	421122	45.360	ng		99
91) Dibenzo(a,h)anthracene	28.87	278	407055	44.035	ng		100
92) Benzo(g,h,i)perylene	29.99	276	404326	44.384	ng		99

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

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