Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
Data File : BG038607.D
Acq On : 15 Dec 2018 16:50
Operator : JU/SJ
Sample : PB115660BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115660BS

Manual Integrations APPROVED
Sohil
12/16/2018 2:01:13 PM

Quant Time: Dec 16 04:00:09 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	23785	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	93049	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	59291	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	150617	20.00	ng		0.00
76) Chrysene-d12	21.72	240	163181	20.00	ng		0.00
87) Perylene-d12	25.01	264	176736	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	165167	123.17	ng		0.00
7) Phenol-d6	7.21	99	214938	116.75	ng		0.00
23) Nitrobenzene-d5	9.24	82	128740	70.68	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	96210	117.74	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	292430	67.66	ng		0.00
79) Terphenyl-d14	20.04	244	630544	84.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	22275	35.690	ng	#	89
3) Pyridine	3.89	79	62776	36.532	ng		94
4) n-Nitrosodimethylamine	3.82	42	39297	46.673	ng	#	89
6) Aniline	7.39	93	80828	34.394	ng		98
8) 2-Chlorophenol	7.62	128	68425	44.092	ng		100
9) Benzaldehyde	7.20	77	24038	20.128	ng		99
10) Phenol	7.24	94	85961	43.951	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	60249	38.692	ng		95
12) 1,3-Dichlorobenzene	7.95	146	71816	39.139	ng		99
13) 1,4-Dichlorobenzene	8.09	146	72989	38.840	ng		97
14) 1,2-Dichlorobenzene	8.41	146	68200	38.495	ng		97
15) Benzyl Alcohol	8.30	79	60804	42.315	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	134869	37.810	ng		99
17) 2-Methylphenol	8.50	107	57961	44.232	ng		97
18) Hexachloroethane	9.14	117	27337	39.809	ng		95
19) n-Nitroso-di-n-propylamine	8.86	70	48908	37.826	ng	#	98
20) 3+4-Methylphenols	8.83	107	76530	42.289	ng		96
22) Acetophenone	8.89	105	96426	41.488	ng		98
24) Nitrobenzene	9.28	77	78057	42.363	ng		99
25) Isophorone	9.79	82	137074	41.887	ng		100
26) 2-Nitrophenol	9.99	139	38078	40.377	ng		95
27) 2,4-Dimethylphenol	10.03	122	66050	48.870	ng		95
28) bis(2-Chloroethoxy)methane	10.27	93	80280	43.470	ng		99
29) 2,4-Dichlorophenol	10.52	162	68404	45.494	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	72740	40.051	ng		98
31) Naphthalene	10.93	128	198803	43.363	ng		99
32) Benzoic acid	10.18	122	29122m	36.904	ng		
33) 4-Chloroaniline	11.04	127	45204	22.711	ng		98
34) Hexachlorobutadiene	11.19	225	47982	39.044	ng		93
35) Caprolactam	11.82	113	23108	37.136	ng		95
36) 4-Chloro-3-methylphenol	12.15	107	71662	41.765	ng		98
37) 2-Methylnaphthalene	12.53	142	147835	45.200	ng		96
38) 1-Methylnaphthalene	12.75	142	139969	44.101	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	85667	38.654	ng		99

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Quant Time: Dec 16 04:00:09 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)
41) Hexachlorocyclopentadiene	12.85	237	120896	99.289	ng		95
43) 2,4,6-Trichlorophenol	13.13	196	57819	42.429	ng		97
44) 2,4,5-Trichlorophenol	13.20	196	64241	44.525	ng		98
46) 1,1'-Biphenyl	13.53	154	188664	37.957	ng		99
47) 2-Chloronaphthalene	13.58	162	153241	39.912	ng		98
48) 2-Nitroaniline	13.79	65	52142	42.636	ng		97
49) Acenaphthylene	14.42	152	250288	43.606	ng		98
50) Dimethylphthalate	14.14	163	202886	41.902	ng		99
51) 2,6-Dinitrotoluene	14.28	165	45414	41.389	ng		90
52) Acenaphthene	14.76	154	142518	41.524	ng		98
53) 3-Nitroaniline	14.61	138	33185	29.669	ng		95
54) 2,4-Dinitrophenol	14.82	184	50805	77.959	ng		96
55) Dibenzofuran	15.10	168	239041	40.630	ng		98
56) 4-Nitrophenol	14.91	139	73850	87.032	ng		95
57) 2,4-Dinitrotoluene	15.06	165	65363	42.294	ng		97
58) Fluorene	15.74	166	189295	43.428	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.31	232	57769	44.504	ng		98
60) Diethylphthalate	15.50	149	210416	39.586	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	107168	39.405	ng		96
62) 4-Nitroaniline	15.78	138	49665	43.129	ng		96
63) Azobenzene	16.02	77	181263	40.822	ng		97
65) 4,6-Dinitro-2-methylphenol	15.83	198	41317	38.455	ng		95
66) n-Nitrosodiphenylamine	15.95	169	179562	40.575	ng		96
67) 4-Bromophenyl-phenylether	16.62	248	71266	38.743	ng		93
68) Hexachlorobenzene	16.74	284	73263	38.422	ng		93
69) Atrazine	16.89	200	73991	45.052	ng		97
70) Pentachlorophenol	17.09	266	82437	73.092	ng		99
71) Phenanthrene	17.49	178	338233	43.305	ng		98
72) Anthracene	17.58	178	345645	44.827	ng		99
73) Carbazole	17.85	167	318764	41.802	ng		98
74) Di-n-butylphthalate	18.38	149	390377	44.614	ng		99
75) Fluoranthene	19.49	202	446635	46.218	ng		99
77) Benzidine	19.68	184	215652	44.686	ng		99
78) Pyrene	19.86	202	444262	41.211	ng		99
80) Butylbenzylphthalate	20.73	149	178559	42.396	ng		99
81) Benzo(a)anthracene	21.70	228	437190	43.968	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	115666	29.330	ng		98
83) Chrysene	21.77	228	406960	42.491	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	249995	41.852	ng		98
85) Di-n-octyl phthalate	22.80	149	427381	42.722	ng		99
86) Indeno(1,2,3-cd)pyrene	28.80	276	496061	44.056	ng	#	80
88) Benzo(b)fluoranthene	23.96	252	433104	44.634	ng		99
89) Benzo(k)fluoranthene	24.03	252	423399	43.818	ng		98
90) Benzo(a)pyrene	24.86	252	424906	45.389	ng		99
91) Dibenzo(a,h)anthracene	28.86	278	411876	44.188	ng		99
92) Benzo(g,h,i)perylene	29.99	276	411172	44.762	ng		98

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

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