Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
Data File : BG038581.D
Acq On : 14 Dec 2018 23:44
Operator : JU/SJ
Sample : PB115428BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115428BSD

Manual Integrations APPROVED
Sohil
12/17/2018 4:11:53 PM

Quant Time: Dec 15 00:20:55 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	23689	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	95489	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	62099	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	159253	20.00	ng		0.00
76) Chrysene-d12	21.72	240	165468	20.00	ng		0.00
87) Perylene-d12	25.02	264	181515	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	180673	135.27	ng		0.00
7) Phenol-d6	7.21	99	235285	128.32	ng		0.00
23) Nitrobenzene-d5	9.24	82	119322	63.84	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	109245	127.65	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	275708	60.91	ng		0.00
79) Terphenyl-d14	20.04	244	570783	75.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	20932	33.674	ng		96
3) Pyridine	3.89	79	58213	34.014	ng	#	90
4) n-Nitrosodimethylamine	3.81	42	38307	45.682	ng	#	90
6) Aniline	7.38	93	80778	34.512	ng		98
8) 2-Chlorophenol	7.62	128	66544	43.054	ng		98
9) Benzaldehyde	7.20	77	27389	23.027	ng		95
10) Phenol	7.24	94	85045	43.659	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	58625	37.801	ng		98
12) 1,3-Dichlorobenzene	7.94	146	69125	37.825	ng		98
13) 1,4-Dichlorobenzene	8.10	146	70501	37.668	ng		99
14) 1,2-Dichlorobenzene	8.41	146	68260	38.685	ng		96
15) Benzyl Alcohol	8.30	79	61994	43.318	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	133842	37.674	ng		98
17) 2-Methylphenol	8.50	107	58267	44.646	ng		99
18) Hexachloroethane	9.14	117	26257	38.392	ng		99
19) n-Nitroso-di-n-propylamine	8.87	70	49182	38.192	ng		98
20) 3+4-Methylphenols	8.82	107	77953	43.250	ng		97
22) Acetophenone	8.89	105	96455	40.440	ng	#	96
24) Nitrobenzene	9.28	77	76268	40.335	ng		98
25) Isophorone	9.79	82	139425	41.517	ng		99
26) 2-Nitrophenol	9.99	139	38206	39.478	ng		98
27) 2,4-Dimethylphenol	10.03	122	66206	47.733	ng		98
28) bis(2-Chloroethoxy)methane	10.28	93	80075	42.252	ng		99
29) 2,4-Dichlorophenol	10.52	162	70350	45.592	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	71921	38.588	ng		95
31) Naphthalene	10.93	128	200466	42.609	ng		98
32) Benzoic acid	10.18	122	30714m	37.645	ng		
33) 4-Chloroaniline	11.05	127	42752	20.930	ng		97
34) Hexachlorobutadiene	11.19	225	47769	37.877	ng		97
35) Caprolactam	11.82	113	23647m	37.031	ng		
36) 4-Chloro-3-methylphenol	12.16	107	71909	40.838	ng		98
37) 2-Methylnaphthalene	12.53	142	146881	43.760	ng		98
38) 1-Methylnaphthalene	12.75	142	142607	43.784	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	87252	37.589	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	117725	92.313	ng		93
43) 2,4,6-Trichlorophenol	13.13	196	58996	41.336	ng		99
44) 2,4,5-Trichlorophenol	13.21	196	65920	43.623	ng		98
46) 1,1'-Biphenyl	13.53	154	193849	37.236	ng		98
47) 2-Chloronaphthalene	13.58	162	154445	38.407	ng		98
48) 2-Nitroaniline	13.79	65	53314	41.623	ng		99
49) Acenaphthylene	14.42	152	255887	42.565	ng		99
50) Dimethylphthalate	14.15	163	209528	41.317	ng		99
51) 2,6-Dinitrotoluene	14.28	165	46842	40.760	ng		97
52) Acenaphthene	14.76	154	144257	40.130	ng		99
53) 3-Nitroaniline	14.61	138	34118	29.123	ng		96
54) 2,4-Dinitrophenol	14.82	184	52371	76.810	ng		94
55) Dibenzofuran	15.09	168	242335	39.327	ng		100
56) 4-Nitrophenol	14.92	139	77023	86.667	ng		98
57) 2,4-Dinitrotoluene	15.06	165	68140	42.097	ng		98
58) Fluorene	15.75	166	195964	42.925	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.32	232	58554	43.069	ng		99
60) Diethylphthalate	15.50	149	217741	39.112	ng		100
61) 4-Chlorophenyl-phenylether	15.73	204	109317	38.378	ng		99
62) 4-Nitroaniline	15.78	138	50236	41.653	ng		100
63) Azobenzene	16.02	77	188625	40.559	ng		98
65) 4,6-Dinitro-2-methylphenol	15.82	198	42153	37.105	ng		97
66) n-Nitrosodiphenylamine	15.95	169	180617	38.600	ng		99
67) 4-Bromophenyl-phenylether	16.63	248	72193	37.118	ng		98
68) Hexachlorobenzene	16.74	284	74820	37.110	ng		98
69) Atrazine	16.89	200	76367	43.977	ng		97
70) Pentachlorophenol	17.09	266	85712	71.874	ng		98
71) Phenanthrene	17.48	178	349922	42.372	ng		99
72) Anthracene	17.58	178	356024	43.669	ng		100
73) Carbazole	17.85	167	325681	40.393	ng		100
74) Di-n-butylphthalate	18.38	149	396135	42.817	ng		99
75) Fluoranthene	19.49	202	452516	44.287	ng		98
77) Benzidine	19.68	184	226149	46.214	ng		99
78) Pyrene	19.86	202	453559	41.492	ng		99
80) Butylbenzylphthalate	20.72	149	184216	43.135	ng		97
81) Benzo(a)anthracene	21.70	228	438933	43.533	ng		100
82) 3,3'-Dichlorobenzidine	21.62	252	115361	28.848	ng		100
83) Chrysene	21.77	228	404821	41.684	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	253451	41.844	ng		100
85) Di-n-octyl phthalate	22.80	149	429846	42.374	ng		99
86) Indeno(1,2,3-cd)pyrene	28.80	276	496974	43.527	ng	#	98
88) Benzo(b)fluoranthene	23.96	252	433968	43.545	ng		98
89) Benzo(k)fluoranthene	24.03	252	429469	43.276	ng		96
90) Benzo(a)pyrene	24.86	252	424681	44.171	ng		99
91) Dibenzo(a,h)anthracene	28.87	278	414488	43.298	ng		99
92) Benzo(g,h,i)perylene	29.99	276	410645	43.528	ng		98

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

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