Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
Data File : BG038467.D
Acq On : 11 Dec 2018 12:01
Operator : JU/SJ
Sample : PB115480BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115480BS

Manual Integrations APPROVED
Sohil
12/11/2018 6:07:28 PM

Quant Time: Dec 11 15:28:36 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	23134	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	103463	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	69441	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	184526	20.00	ng		0.00
76) Chrysene-d12	21.74	240	231755	20.00	ng		0.00
87) Perylene-d12	25.04	264	187607	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	168659	129.02	ng		0.00
7) Phenol-d6	7.22	99	233161	123.40	ng		0.00
23) Nitrobenzene-d5	9.25	82	147474	70.77	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	105666	123.95	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	362947	74.48	ng		0.00
79) Terphenyl-d14	20.05	244	855340	79.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	18588	31.024	ng	#	95
3) Pyridine	3.91	79	56634	31.596	ng		96
4) n-Nitrosodimethylamine	3.82	42	30428	38.754	ng		84
6) Aniline	7.40	93	34500	14.296	ng		97
8) 2-Chlorophenol	7.62	128	58147	38.299	ng		98
9) Benzaldehyde	7.21	77	22542	18.841	ng		94
10) Phenol	7.25	94	74682	37.410	ng		89
11) bis(2-Chloroethyl)ether	7.49	93	53649	32.814	ng		96
12) 1,3-Dichlorobenzene	7.95	146	56939	32.088	ng		96
13) 1,4-Dichlorobenzene	8.11	146	59749	32.543	ng		98
14) 1,2-Dichlorobenzene	8.42	146	56494	31.744	ng		99
15) Benzyl Alcohol	8.31	79	52055	33.511	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.59	45	121647	32.711	ng		95
17) 2-Methylphenol	8.51	107	52343	37.008	ng		95
18) Hexachloroethane	9.15	117	21839	32.958	ng		96
19) n-Nitroso-di-n-propylamine	8.87	70	45128	32.272	ng		90
20) 3+4-Methylphenols	8.83	107	71944	35.772	ng		94
22) Acetophenone	8.90	105	87600	34.734	ng	#	95
24) Nitrobenzene	9.29	77	68810	32.500	ng		97
25) Isophorone	9.80	82	129476	35.354	ng		98
26) 2-Nitrophenol	10.00	139	34489	35.156	ng	#	91
27) 2,4-Dimethylphenol	10.05	122	61417	43.587	ng		94
28) bis(2-Chloroethoxy)methane	10.28	93	75994	36.197	ng		99
29) 2,4-Dichlorophenol	10.53	162	65373	40.643	ng		95
30) 1,2,4-Trichlorobenzene	10.74	180	64830	34.335	ng		98
31) Naphthalene	10.94	128	183026	37.034	ng		99
32) Benzoic acid	10.26	122	4187m	8.527	ng		
33) 4-Chloroaniline	11.06	127	10418	4.762	ng	#	94
34) Hexachlorobutadiene	11.20	225	41753	35.347	ng		97
35) Caprolactam	11.83	113	23990	36.067	ng		97
36) 4-Chloro-3-methylphenol	12.16	107	106239	59.447	ng		99
37) 2-Methylnaphthalene	12.54	142	168195	47.788	ng		97
38) 1-Methylnaphthalene	12.75	142	133813	39.696	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	81424	34.076	ng		98

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Quant Time: Dec 11 15:28:36 2018
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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)
41) Hexachlorocyclopentadiene	12.87	237	100891	76.834	ng		97
43) 2,4,6-Trichlorophenol	13.14	196	56446	36.467	ng		98
44) 2,4,5-Trichlorophenol	13.21	196	64475	39.319	ng		97
46) 1,1'-Biphenyl	13.54	154	186640	31.797	ng		96
47) 2-Chloronaphthalene	13.59	162	148809	33.596	ng		99
48) 2-Nitroaniline	13.80	65	53044	35.696	ng		98
49) Acenaphthylene	14.43	152	249770	37.442	ng		97
50) Dimethylphthalate	14.15	163	205108	36.825	ng		99
51) 2,6-Dinitrotoluene	14.29	165	46783	36.770	ng		98
52) Acenaphthene	14.77	154	142570	35.057	ng		99
53) 3-Nitroaniline	14.62	138	20012	14.605	ng	#	96
54) 2,4-Dinitrophenol	14.83	184	4247	6.089	ng		96
55) Dibenzofuran	15.10	168	244613	36.383	ng		98
56) 4-Nitrophenol	14.92	139	54057	49.941	ng	#	79
57) 2,4-Dinitrotoluene	15.07	165	65254	37.186	ng		96
58) Fluorene	15.75	166	196302	39.631	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	52584	36.922	ng		96
60) Diethylphthalate	15.50	149	216471	35.081	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	108492	36.466	ng		96
62) 4-Nitroaniline	15.79	138	49984	37.088	ng	#	85
63) Azobenzene	16.03	77	190789	35.329	ng		93
65) 4,6-Dinitro-2-methylphenol	15.83	198	9153	7.571	ng		98
66) n-Nitrosodiphenylamine	15.96	169	180446	34.775	ng		98
67) 4-Bromophenyl-phenylether	16.63	248	70864	35.562	ng		97
68) Hexachlorobenzene	16.75	284	74491	36.242	ng		99
69) Atrazine	16.90	200	72761	37.579	ng		98
70) Pentachlorophenol	17.10	266	32160	22.844	ng		99
71) Phenanthrene	17.50	178	343877	37.212	ng		98
72) Anthracene	17.59	178	351346	39.261	ng		99
73) Carbazole	17.86	167	308293	34.710	ng		99
74) Di-n-butylphthalate	18.39	149	372820	35.930	ng		99
75) Fluoranthene	19.50	202	590311	54.675	ng		100
77) Benzidine	19.69	184	196453	25.120	ng		98
78) Pyrene	19.87	202	599230	36.954	ng		98
80) Butylbenzylphthalate	20.73	149	256045	39.259	ng		99
81) Benzo(a)anthracene	21.71	228	541618	38.025	ng		98
82) 3,3'-Dichlorobenzidine	21.63	252	99805	18.012	ng		98
83) Chrysene	21.78	228	506496	37.576	ng		98
84) Bis(2-ethylhexyl)phthalate	21.58	149	357268	38.648	ng		99
85) Di-n-octyl phthalate	22.81	149	589103	37.166	ng		99
86) Indeno(1,2,3-cd)pyrene	28.82	276	448222	29.260	ng	#	86
88) Benzo(b)fluoranthene	23.98	252	402316	37.953	ng	#	96
89) Benzo(k)fluoranthene	24.05	252	387065	36.662	ng	#	97
90) Benzo(a)pyrene	24.89	252	388735	37.806	ng	#	96
91) Dibenzo(a,h)anthracene	28.90	278	367061	37.639	ng		96
92) Benzo(g,h,i)perylene	30.03	276	386497	39.946	ng	#	95

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

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