Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
Data File : BG038578.D
Acq On : 14 Dec 2018 21:45
Operator : JU/SJ
Sample : PB115362BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115362BSD

Manual Integrations APPROVED
Sohil
12/17/2018 4:11:51 PM

Quant Time: Dec 14 23:18:20 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	25376	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	100297	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	63413	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	158927	20.00	ng		0.00
76) Chrysene-d12	21.72	240	166063	20.00	ng		0.00
87) Perylene-d12	25.01	264	179279	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	189777	132.64	ng		0.00
7) Phenol-d6	7.22	99	246742	125.63	ng		0.00
23) Nitrobenzene-d5	9.24	82	126321	64.34	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	108544	124.20	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	286047	61.88	ng		0.00
79) Terphenyl-d14	20.04	244	567837	74.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	22142	33.253	ng		89
3) Pyridine	3.89	79	62701	34.201	ng		91
4) n-Nitrosodimethylamine	3.82	42	40221	44.775	ng	#	86
6) Aniline	7.39	93	87100	34.739	ng		100
8) 2-Chlorophenol	7.62	128	70764	42.740	ng		98
9) Benzaldehyde	7.20	77	28630	22.470	ng		96
10) Phenol	7.24	94	89182	42.739	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	61260	36.874	ng		99
12) 1,3-Dichlorobenzene	7.95	146	73396	37.492	ng		97
13) 1,4-Dichlorobenzene	8.10	146	76021	37.917	ng		97
14) 1,2-Dichlorobenzene	8.41	146	73935	39.116	ng		99
15) Benzyl Alcohol	8.30	79	64204	41.880	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	141450	37.168	ng		97
17) 2-Methylphenol	8.50	107	61008	43.638	ng		96
18) Hexachloroethane	9.14	117	28326	38.663	ng		96
19) n-Nitroso-di-n-propylamine	8.86	70	51826	37.569	ng		97
20) 3+4-Methylphenols	8.83	107	83081	43.030	ng		97
22) Acetophenone	8.89	105	100626	40.167	ng	#	99
24) Nitrobenzene	9.28	77	81479	41.025	ng		99
25) Isophorone	9.79	82	146608	41.563	ng		98
26) 2-Nitrophenol	9.99	139	39848	39.200	ng		96
27) 2,4-Dimethylphenol	10.03	122	68720	47.171	ng		99
28) bis(2-Chloroethoxy)methane	10.28	93	83106	41.749	ng		98
29) 2,4-Dichlorophenol	10.52	162	72745	44.885	ng		98
30) 1,2,4-Trichlorobenzene	10.74	180	78288	39.990	ng		94
31) Naphthalene	10.93	128	211058	42.709	ng		98
32) Benzoic acid	10.18	122	33137m	38.391	ng		
33) 4-Chloroaniline	11.04	127	42933	20.011	ng		98
34) Hexachlorobutadiene	11.19	225	50734	38.300	ng		93
35) Caprolactam	11.83	113	24412m	36.397	ng		
36) 4-Chloro-3-methylphenol	12.15	107	74065	40.046	ng		96
37) 2-Methylnaphthalene	12.53	142	152387	43.224	ng		98
38) 1-Methylnaphthalene	12.75	142	147932	43.242	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	90770	38.294	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	123503	94.837	ng		92
43) 2,4,6-Trichlorophenol	13.13	196	62411	42.822	ng		99
44) 2,4,5-Trichlorophenol	13.20	196	65326	42.334	ng		93
46) 1,1'-Biphenyl	13.53	154	201994	37.997	ng		99
47) 2-Chloronaphthalene	13.57	162	162543	39.583	ng		97
48) 2-Nitroaniline	13.79	65	54828	41.918	ng		96
49) Acenaphthylene	14.42	152	259802	42.321	ng		98
50) Dimethylphthalate	14.14	163	210595	40.667	ng		99
51) 2,6-Dinitrotoluene	14.28	165	47267	40.277	ng		96
52) Acenaphthene	14.76	154	150321	40.950	ng		96
53) 3-Nitroaniline	14.61	138	33478	27.985	ng		94
54) 2,4-Dinitrophenol	14.82	184	52067	74.919	ng		96
55) Dibenzofuran	15.10	168	250851	39.866	ng		98
56) 4-Nitrophenol	14.91	139	75358	83.036	ng		92
57) 2,4-Dinitrotoluene	15.07	165	67862	41.057	ng		96
58) Fluorene	15.74	166	199294	42.750	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	60675	43.704	ng		99
60) Diethylphthalate	15.50	149	218601	38.453	ng		100
61) 4-Chlorophenyl-phenylether	15.73	204	111873	38.461	ng		98
62) 4-Nitroaniline	15.78	138	50162	40.729	ng		99
63) Azobenzene	16.02	77	189416	39.885	ng		99
65) 4,6-Dinitro-2-methylphenol	15.83	198	42337	37.344	ng		95
66) n-Nitrosodiphenylamine	15.95	169	182663	39.117	ng		97
67) 4-Bromophenyl-phenylether	16.62	248	73247	37.738	ng		89
68) Hexachlorobenzene	16.74	284	75552	37.550	ng		99
69) Atrazine	16.89	200	76295	44.026	ng		94
70) Pentachlorophenol	17.09	266	88871	74.676	ng		94
71) Phenanthrene	17.49	178	349755	42.439	ng		99
72) Anthracene	17.58	178	361128	44.386	ng		99
73) Carbazole	17.85	167	328374	40.810	ng		98
74) Di-n-butylphthalate	18.38	149	399329	43.251	ng		100
75) Fluoranthene	19.49	202	453869	44.510	ng		98
77) Benzidine	19.68	184	224351	45.682	ng		100
78) Pyrene	19.86	202	454917	41.467	ng		99
80) Butylbenzylphthalate	20.73	149	181515	42.350	ng		100
81) Benzo(a)anthracene	21.70	228	441714	43.652	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	112864	28.123	ng		99
83) Chrysene	21.77	228	408328	41.894	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	253916	41.771	ng		99
85) Di-n-octyl phthalate	22.80	149	429689	42.207	ng		100
86) Indeno(1,2,3-cd)pyrene	28.80	276	489935	42.757	ng	#	59
88) Benzo(b)fluoranthene	23.96	252	438178	44.516	ng		98
89) Benzo(k)fluoranthene	24.03	252	420990	42.951	ng		98
90) Benzo(a)pyrene	24.86	252	425008	44.756	ng		99
91) Dibenzo(a,h)anthracene	28.86	278	410017	43.365	ng		100
92) Benzo(g,h,i)perylene	29.99	276	408453	43.835	ng		99

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

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