Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
Data File : BG038597.D
Acq On : 15 Dec 2018 10:15
Operator : JU/SJ
Sample : PB115627BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115627BS

Manual Integrations APPROVED
Sohil
12/17/2018 4:12:00 PM

Quant Time: Dec 16 00:33:58 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	23108	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	95304	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	59510	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	150958	20.00	ng		0.00
76) Chrysene-d12	21.73	240	165093	20.00	ng		0.00
87) Perylene-d12	25.02	264	182198	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	166862	128.07	ng		0.00
7) Phenol-d6	7.21	99	217260	121.47	ng		0.00
23) Nitrobenzene-d5	9.23	82	129417	69.37	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	96657	117.85	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	293212	67.59	ng		0.00
79) Terphenyl-d14	20.05	244	629654	83.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	21583	35.594	ng		95
3) Pyridine	3.89	79	61204	36.661	ng		87
4) n-Nitrosodimethylamine	3.82	42	41168	50.328	ng	#	90
6) Aniline	7.39	93	82079	35.949	ng		97
8) 2-Chlorophenol	7.62	128	67142	44.533	ng		98
9) Benzaldehyde	7.20	77	23574	20.318	ng		98
10) Phenol	7.24	94	85641	45.070	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	59754	39.498	ng		97
12) 1,3-Dichlorobenzene	7.94	146	71722	40.233	ng		99
13) 1,4-Dichlorobenzene	8.09	146	73335	40.167	ng		99
14) 1,2-Dichlorobenzene	8.41	146	70301	40.844	ng		96
15) Benzyl Alcohol	8.30	79	61916	44.351	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	140465	40.532	ng		98
17) 2-Methylphenol	8.50	107	57412	45.097	ng		98
18) Hexachloroethane	9.14	117	26532	39.769	ng		94
19) n-Nitroso-di-n-propylamine	8.86	70	50239	39.993	ng		95
20) 3+4-Methylphenols	8.83	107	79363	45.139	ng		99
22) Acetophenone	8.89	105	96937	40.721	ng	#	98
24) Nitrobenzene	9.28	77	77908	41.282	ng		99
25) Isophorone	9.79	82	137985	41.168	ng		100
26) 2-Nitrophenol	9.99	139	37881	39.218	ng		97
27) 2,4-Dimethylphenol	10.03	122	66339	47.922	ng		94
28) bis(2-Chloroethoxy)methane	10.27	93	79187	41.864	ng		98
29) 2,4-Dichlorophenol	10.52	162	69793	45.319	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	73944	39.750	ng		98
31) Naphthalene	10.93	128	201131	42.833	ng		100
32) Benzoic acid	10.19	122	27432m	34.756	ng		
33) 4-Chloroaniline	11.04	127	42930	21.058	ng	#	96
34) Hexachlorobutadiene	11.19	225	49182	39.073	ng		95
35) Caprolactam	11.83	113	22622m	35.495	ng		
36) 4-Chloro-3-methylphenol	12.15	107	72043	40.993	ng		96
37) 2-Methylnaphthalene	12.52	142	148213	44.243	ng		98
38) 1-Methylnaphthalene	12.75	142	142113	43.717	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	87975	39.549	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	120778	98.828	ng		95
43) 2,4,6-Trichlorophenol	13.13	196	58613	42.854	ng		96
44) 2,4,5-Trichlorophenol	13.21	196	62287	43.012	ng		93
46) 1,1'-Biphenyl	13.53	154	194169	38.921	ng		98
47) 2-Chloronaphthalene	13.58	162	155096	40.247	ng		97
48) 2-Nitroaniline	13.79	65	51496	41.953	ng		93
49) Acenaphthylene	14.42	152	251312	43.623	ng		99
50) Dimethylphthalate	14.15	163	202283	41.624	ng		99
51) 2,6-Dinitrotoluene	14.28	165	46631	42.341	ng		99
52) Acenaphthene	14.76	154	142340	41.319	ng		99
53) 3-Nitroaniline	14.62	138	32582	29.022	ng		94
54) 2,4-Dinitrophenol	14.82	184	50257	76.909	ng		99
55) Dibenzofuran	15.09	168	240151	40.669	ng		100
56) 4-Nitrophenol	14.92	139	74670	87.674	ng		97
57) 2,4-Dinitrotoluene	15.06	165	66618	42.948	ng		99
58) Fluorene	15.74	166	193719	44.279	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	56260	43.182	ng		99
60) Diethylphthalate	15.50	149	209562	39.281	ng		100
61) 4-Chlorophenyl-phenylether	15.73	204	108845	39.875	ng		98
62) 4-Nitroaniline	15.78	138	49858	43.138	ng		96
63) Azobenzene	16.02	77	183121	41.088	ng		98
65) 4,6-Dinitro-2-methylphenol	15.82	198	43094	40.018	ng		98
66) n-Nitrosodiphenylamine	15.94	169	176629	39.822	ng		97
67) 4-Bromophenyl-phenylether	16.63	248	72133	39.126	ng		95
68) Hexachlorobenzene	16.74	284	74931	39.208	ng		98
69) Atrazine	16.89	200	74174	45.062	ng		96
70) Pentachlorophenol	17.09	266	82501	72.983	ng		97
71) Phenanthrene	17.49	178	343537	43.885	ng		99
72) Anthracene	17.58	178	353630	45.759	ng		99
73) Carbazole	17.85	167	322057	42.138	ng		99
74) Di-n-butylphthalate	18.38	149	389316	44.393	ng		99
75) Fluoranthene	19.49	202	449236	46.382	ng		97
77) Benzidine	19.68	184	220759	45.215	ng		98
78) Pyrene	19.86	202	449697	41.232	ng		99
80) Butylbenzylphthalate	20.72	149	179282	42.075	ng		98
81) Benzo(a)anthracene	21.70	228	440843	43.822	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	113483	28.443	ng		100
83) Chrysene	21.77	228	402525	41.542	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	251230	41.571	ng		98
85) Di-n-octyl phthalate	22.80	149	432617	42.744	ng		99
86) Indeno(1,2,3-cd)pyrene	28.80	276	510209	44.787	ng	#	98
88) Benzo(b)fluoranthene	23.96	252	437893	43.774	ng		99
89) Benzo(k)fluoranthene	24.03	252	435454	43.715	ng		97
90) Benzo(a)pyrene	24.86	252	431628	44.725	ng		99
91) Dibenzo(a,h)anthracene	28.86	278	426465	44.382	ng		99
92) Benzo(g,h,i)perylene	29.99	276	419425	44.292	ng		99

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

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