Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038716.D
Acq On : 19 Dec 2018 6:32
Operator : JU/SJ
Sample : PB115480BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115480BS

Manual Integrations APPROVED
Sohil
12/19/2018 6:19:11 PM

Quant Time: Dec 19 07:37:20 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	23630	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	94826	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	63432	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	164646	20.00	ng		0.00
76) Chrysene-d12	21.72	240	170008	20.00	ng		0.00
87) Perylene-d12	25.02	264	182102	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	171921	129.04	ng		0.00
7) Phenol-d6	7.21	99	228735	125.06	ng		0.00
23) Nitrobenzene-d5	9.23	82	118526	63.86	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	112842	129.08	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	303639	65.67	ng		0.00
79) Terphenyl-d14	20.04	244	635084	81.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	22585	36.424	ng		90
3) Pyridine	3.89	79	60968	35.713	ng		94
4) n-Nitrosodimethylamine	3.81	42	37914	45.326	ng	#	91
6) Aniline	7.39	93	72731	31.151	ng		98
8) 2-Chlorophenol	7.62	128	71288	46.238	ng		95
9) Benzaldehyde	7.20	77	22343	18.831	ng		94
10) Phenol	7.24	94	90210	46.426	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	60323	38.993	ng		97
12) 1,3-Dichlorobenzene	7.94	146	74160	40.682	ng		99
13) 1,4-Dichlorobenzene	8.09	146	75631	40.509	ng		98
14) 1,2-Dichlorobenzene	8.41	146	71447	40.593	ng		96
15) Benzyl Alcohol	8.30	79	62386	43.701	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	127149	35.879	ng		97
17) 2-Methylphenol	8.50	107	61053	46.897	ng		98
18) Hexachloroethane	9.14	117	26792	39.272	ng		94
19) n-Nitroso-di-n-propylamine	8.86	70	48792	37.983	ng		97
20) 3+4-Methylphenols	8.83	107	83085	46.212	ng		97
22) Acetophenone	8.88	105	99960	42.203	ng	#	98
24) Nitrobenzene	9.28	77	77853	41.461	ng		99
25) Isophorone	9.79	82	139012	41.683	ng		98
26) 2-Nitrophenol	9.99	139	40009	41.630	ng		95
27) 2,4-Dimethylphenol	10.03	122	70818	51.415	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	80941	43.007	ng		98
29) 2,4-Dichlorophenol	10.52	162	75848	49.499	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	81076	43.804	ng		95
31) Naphthalene	10.93	128	216653	46.371	ng		98
32) Benzoic acid	10.18	122	19457m	27.694	ng		
33) 4-Chloroaniline	11.04	127	50472	24.882	ng		98
34) Hexachlorobutadiene	11.19	225	53042	42.353	ng		99
35) Caprolactam	11.83	113	26067	41.107	ng	#	82
36) 4-Chloro-3-methylphenol	12.15	107	79006	45.182	ng		95
37) 2-Methylnaphthalene	12.53	142	162285	48.688	ng		96
38) 1-Methylnaphthalene	12.74	142	153293	47.394	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	96831	40.839	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	113061	86.793	ng		94
43) 2,4,6-Trichlorophenol	13.13	196	66918	45.901	ng		99
44) 2,4,5-Trichlorophenol	13.20	196	71940	46.606	ng		97
46) 1,1'-Biphenyl	13.53	154	214405	40.320	ng		100
47) 2-Chloronaphthalene	13.58	162	172019	41.878	ng		99
48) 2-Nitroaniline	13.79	65	55752	42.612	ng		94
49) Acenaphthylene	14.42	152	281619	45.861	ng		99
50) Dimethylphthalate	14.14	163	221855	42.829	ng		100
51) 2,6-Dinitrotoluene	14.28	165	50212	42.774	ng		99
52) Acenaphthene	14.76	154	160454	43.698	ng		95
53) 3-Nitroaniline	14.61	138	38486	32.162	ng		94
54) 2,4-Dinitrophenol	14.82	184	21707	34.246	ng		98
55) Dibenzofuran	15.09	168	274516	43.614	ng		97
56) 4-Nitrophenol	14.91	139	74705	82.292	ng		98
57) 2,4-Dinitrotoluene	15.07	165	71863	43.464	ng		96
58) Fluorene	15.74	166	220228	47.226	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	66421	47.829	ng		96
60) Diethylphthalate	15.49	149	229400	40.341	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	123627	42.490	ng		99
62) 4-Nitroaniline	15.78	138	55877	45.356	ng		97
63) Azobenzene	16.02	77	200217	42.147	ng		97
65) 4,6-Dinitro-2-methylphenol	15.82	198	28813	24.532	ng		95
66) n-Nitrosodiphenylamine	15.95	169	204844	42.344	ng		97
67) 4-Bromophenyl-phenylether	16.62	248	83870	41.710	ng		98
68) Hexachlorobenzene	16.74	284	86607	41.550	ng		97
69) Atrazine	16.89	200	82894	46.172	ng		96
70) Pentachlorophenol	17.09	266	68632	55.667	ng		99
71) Phenanthrene	17.49	178	385706	45.175	ng		98
72) Anthracene	17.57	178	393742	46.714	ng		100
73) Carbazole	17.85	167	350919	42.097	ng		98
74) Di-n-butylphthalate	18.38	149	398014	41.611	ng		99
75) Fluoranthene	19.49	202	488973	46.287	ng		97
77) Benzidine	19.68	184	212889	42.342	ng		99
78) Pyrene	19.85	202	482953	43.001	ng		100
80) Butylbenzylphthalate	20.72	149	181818	41.436	ng		99
81) Benzo(a)anthracene	21.70	228	477291	46.073	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	124130	30.212	ng		98
83) Chrysene	21.77	228	449289	45.027	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	256630	41.237	ng		99
85) Di-n-octyl phthalate	22.80	149	439748	42.193	ng		99
86) Indeno(1,2,3-cd)pyrene	28.80	276	542760	46.267	ng	#	94
88) Benzo(b)fluoranthene	23.96	252	477487	47.758	ng		99
89) Benzo(k)fluoranthene	24.03	252	471189	47.327	ng		97
90) Benzo(a)pyrene	24.86	252	468232	48.544	ng		98
91) Dibenzo(a,h)anthracene	28.87	278	443145	46.142	ng		99
92) Benzo(g,h,i)perylene	29.99	276	448761	47.414	ng		96

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

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