Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
Data File : BG043622.D
Acq On : 13 Nov 2019 21:17
Operator : JU
Sample : PB124754BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB124754BS

Manual Integrations APPROVED
mohammad
11/14/2019 2:08:02 PM

Quant Time: Nov 14 03:25:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	34492	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	135577	20.00	ng		-0.01
39) Acenaphthene-d10	14.63	164	96268	20.00	ng		-0.01
64) Phenanthrene-d10	17.38	188	221945	20.00	ng		-0.01
76) Chrysene-d12	21.64	240	254636	20.00	ng		-0.01
87) Perylene-d12	24.82	264	288299	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	141780	75.32	ng		0.00
7) Phenol-d6	7.20	99	187268	69.15	ng		0.00
23) Nitrobenzene-d5	9.16	82	176848	67.25	ng		-0.01
42) 2,4,6-Tribromophenol	16.13	330	112470	61.39	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	475745	68.29	ng		-0.01
79) Terphenyl-d14	19.99	244	897908	66.15	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	25120	34.246	ng	#	90
3) Pyridine	3.86	79	61722	33.357	ng		96
4) n-Nitrosodimethylamine	3.78	42	39633	42.448	ng		92
6) Aniline	7.33	93	97198	31.156	ng		96
8) 2-Chlorophenol	7.58	128	90602	43.604	ng		98
9) Benzaldehyde	7.14	77	45251	34.000	ng		88
10) Phenol	7.23	94	109299	44.166	ng		93
11) bis(2-Chloroethyl)ether	7.41	93	73784	38.564	ng		98
12) 1,3-Dichlorobenzene	7.89	146	97405	37.415	ng		98
13) 1,4-Dichlorobenzene	8.03	146	98951	37.567	ng		99
14) 1,2-Dichlorobenzene	8.35	146	94095	36.588	ng		99
15) Benzyl Alcohol	8.25	79	76853	40.407	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.52	45	104896	37.704	ng		98
17) 2-Methylphenol	8.47	107	74838	41.483	ng		97
18) Hexachloroethane	9.07	117	35994	37.876	ng		93
19) n-Nitroso-di-n-propylamine	8.80	70	63978	36.560	ng		94
20) 3+4-Methylphenols	8.80	107	100054	40.445	ng		92
22) Acetophenone	8.82	105	124911	35.977	ng	#	92
24) Nitrobenzene	9.20	77	98473	39.308	ng	#	95
25) Isophorone	9.72	82	178599	37.147	ng		97
26) 2-Nitrophenol	9.91	139	52028	43.018	ng		94
27) 2,4-Dimethylphenol	9.99	122	84409	48.694	ng		98
28) bis(2-Chloroethoxy)methane	10.20	93	99369	37.447	ng		98
29) 2,4-Dichlorophenol	10.47	162	94612	42.598	ng		93
30) 1,2,4-Trichlorobenzene	10.66	180	104769	37.427	ng		99
31) Naphthalene	10.85	128	274632	39.907	ng		99
32) Benzoic acid	10.18	122	40404	33.820	ng		91
33) 4-Chloroaniline	10.97	127	73432	26.031	ng		96
34) Hexachlorobutadiene	11.14	225	76621	37.027	ng		95
35) Caprolactam	11.74	113	28302m	36.999	ng		
36) 4-Chloro-3-methylphenol	12.12	107	101145	41.749	ng		99
37) 2-Methylnaphthalene	12.46	142	205613	38.940	ng		98
38) 1-Methylnaphthalene	12.68	142	192493	38.314	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	133841	37.567	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	124142	66.332	ng		100
43) 2,4,6-Trichlorophenol	13.08	196	83118	39.615	ng		98
44) 2,4,5-Trichlorophenol	13.16	196	87199	41.109	ng		97
46) 1,1'-Biphenyl	13.46	154	279946	38.225	ng		98
47) 2-Chloronaphthalene	13.50	162	214414	38.479	ng		98
48) 2-Nitroaniline	13.72	65	64868	38.950	ng		98
49) Acenaphthylene	14.35	152	352253	40.618	ng		100
50) Dimethylphthalate	14.09	163	277466	37.211	ng		98
51) 2,6-Dinitrotoluene	14.20	165	63844	39.411	ng		96
52) Acenaphthene	14.69	154	206546	39.054	ng		93
53) 3-Nitroaniline	14.55	138	45924	29.363	ng		87
54) 2,4-Dinitrophenol	14.76	184	59850	61.062	ng		96
55) Dibenzofuran	15.03	168	341254	39.789	ng		100
56) 4-Nitrophenol	14.90	139	85838	81.899	ng		92
57) 2,4-Dinitrotoluene	15.00	165	91246	39.414	ng	#	95
58) Fluorene	15.68	166	284838	39.598	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.27	232	87875	38.992	ng		96
60) Diethylphthalate	15.44	149	278226	37.135	ng		98
61) 4-Chlorophenyl-phenylether	15.67	204	161806	38.558	ng		99
62) 4-Nitroaniline	15.71	138	67172	41.587	ng		99
63) Azobenzene	15.96	77	232793	38.392	ng		96
65) 4,6-Dinitro-2-methylphenol	15.77	198	52259	40.010	ng		97
66) n-Nitrosodiphenylamine	15.88	169	253508	40.457	ng		99
67) 4-Bromophenyl-phenylether	16.56	248	113713	38.071	ng		94
68) Hexachlorobenzene	16.68	284	125151	36.502	ng		94
69) Atrazine	16.83	200	96678	44.402	ng		98
70) Pentachlorophenol	17.04	266	107544	68.838	ng		97
71) Phenanthrene	17.42	178	450111	39.604	ng		99
72) Anthracene	17.51	178	463201	40.735	ng		98
73) Carbazole	17.78	167	423978	41.173	ng		99
74) Di-n-butylphthalate	18.33	149	492990	39.457	ng		99
75) Fluoranthene	19.43	202	615176	41.519	ng		99
77) Benzidine	19.61	184	245080	47.824	ng		98
78) Pyrene	19.79	202	622604	39.501	ng		99
80) Butylbenzylphthalate	20.67	149	233897	39.169	ng		94
81) Benzo(a)anthracene	21.62	228	637069	39.941	ng		99
82) 3,3'-Dichlorobenzidine	21.54	252	209415	33.945	ng		99
83) Chrysene	21.69	228	623635	39.352	ng		99
84) Bis(2-ethylhexyl)phthalate	21.52	149	342380	40.363	ng		100
85) Di-n-octyl phthalate	22.71	149	587978	40.857	ng		100
86) Indeno(1,2,3-cd)pyrene	28.45	276	812558	40.847	ng		100
88) Benzo(b)fluoranthene	23.81	252	685872	42.005	ng		99
89) Benzo(k)fluoranthene	23.88	252	688580	41.890	ng		98
90) Benzo(a)pyrene	24.67	252	673604	43.201	ng		99
91) Dibenzo(a,h)anthracene	28.50	278	687693	43.119	ng		100
92) Benzo(g,h,i)perylene	29.59	276	681150	43.298	ng		99

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

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