Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042809.D
Acq On : 13 Sep 2019 9:39
Operator : HP/JU
Sample : PB122825BSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB122825BSD

Manual Integrations APPROVED
mohammad
9/16/2019 9:03:46 AM

Quant Time: Sep 13 14:09:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	78947	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	313526	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	212576	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	479903	20.00	ng		0.00
76) Chrysene-d12	21.76	240	521596	20.00	ng		0.00
87) Perylene-d12	25.02	264	553010	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	626681	138.01	ng		0.00
7) Phenol-d6	7.27	99	866060	132.88	ng		0.00
23) Nitrobenzene-d5	9.27	82	497624	82.63	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	355934	125.85	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	1076199	80.14	ng		0.00
79) Terphenyl-d14	20.09	244	1880091	79.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	86643	41.808	ng		92
3) Pyridine	3.97	79	231256	37.062	ng		95
4) n-Nitrosodimethylamine	3.89	42	142523	46.941	ng		98
6) Aniline	7.44	93	314814	35.800	ng		99
8) 2-Chlorophenol	7.68	128	250733	51.081	ng		97
9) Benzaldehyde	7.25	77	186302	43.924	ng		97
10) Phenol	7.29	94	340005	50.867	ng		99
11) bis(2-Chloroethyl)ether	7.54	93	239887	46.762	ng		99
12) 1,3-Dichlorobenzene	8.01	146	271681	45.379	ng		99
13) 1,4-Dichlorobenzene	8.15	146	274813	45.849	ng		95
14) 1,2-Dichlorobenzene	8.48	146	256676	44.986	ng		96
15) Benzyl Alcohol	8.35	79	264709	47.324	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.64	45	511721	45.424	ng		97
17) 2-Methylphenol	8.55	107	220703	49.354	ng		98
18) Hexachloroethane	9.21	117	97659	44.132	ng		92
19) n-Nitroso-di-n-propylamine	8.92	70	218759	45.549	ng		96
20) 3+4-Methylphenols	8.87	107	303131	49.175	ng		95
22) Acetophenone	8.93	105	376588	47.560	ng	#	99
24) Nitrobenzene	9.32	77	310598	49.137	ng		99
25) Isophorone	9.84	82	576720	45.944	ng		99
26) 2-Nitrophenol	10.03	139	129603	52.141	ng		94
27) 2,4-Dimethylphenol	10.09	122	239928	54.568	ng		97
28) bis(2-Chloroethoxy)methane	10.33	93	325423	46.487	ng		99
29) 2,4-Dichlorophenol	10.57	162	254297	49.770	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	280586	44.979	ng		98
31) Naphthalene	10.98	128	738065	47.679	ng		99
32) Benzoic acid	10.18	122	78191	25.219	ng		98
33) 4-Chloroaniline	11.07	127	174923	24.176	ng		98
34) Hexachlorobutadiene	11.27	225	192788	44.109	ng		95
35) Caprolactam	11.84	113	89794m	47.259	ng		
36) 4-Chloro-3-methylphenol	12.18	107	272068	49.042	ng		99
37) 2-Methylnaphthalene	12.58	142	546537	47.132	ng		96
38) 1-Methylnaphthalene	12.79	142	503237	46.271	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	330388	47.034	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	421296	104.693	ng		98
43) 2,4,6-Trichlorophenol	13.17	196	225484	48.216	ng		98
44) 2,4,5-Trichlorophenol	13.24	196	240379	50.182	ng		95
46) 1,1'-Biphenyl	13.58	154	715925	48.108	ng		99
47) 2-Chloronaphthalene	13.62	162	555177	45.098	ng		97
48) 2-Nitroaniline	13.80	65	201204	47.115	ng		97
49) Acenaphthylene	14.46	152	889943	47.306	ng		99
50) Dimethylphthalate	14.19	163	712221	44.725	ng		99
51) 2,6-Dinitrotoluene	14.30	165	156967	48.038	ng		97
52) Acenaphthene	14.80	154	534909	43.523	ng		98
53) 3-Nitroaniline	14.63	138	123305	33.623	ng		95
54) 2,4-Dinitrophenol	14.82	184	27714	17.229	ng	#	1
55) Dibenzofuran	15.13	168	855889	46.852	ng		97
56) 4-Nitrophenol	14.92	139	277209	97.764	ng		97
57) 2,4-Dinitrotoluene	15.09	165	214693	49.293	ng	#	99
58) Fluorene	15.78	166	704129	46.508	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	224970	48.448	ng		99
60) Diethylphthalate	15.55	149	708402	43.824	ng		100
61) 4-Chlorophenyl-phenylether	15.77	204	404196	45.153	ng		96
62) 4-Nitroaniline	15.78	138	180357	45.626	ng		98
63) Azobenzene	16.07	77	725022	46.577	ng		99
65) 4,6-Dinitro-2-methylphenol	15.84	198	38615	18.805	ng		91
66) n-Nitrosodiphenylamine	15.98	169	635484	49.210	ng		100
67) 4-Bromophenyl-phenylether	16.67	248	265421	45.695	ng		99
68) Hexachlorobenzene	16.79	284	275938	44.458	ng		99
69) Atrazine	16.93	200	245485	54.589	ng		99
70) Pentachlorophenol	17.12	266	244727	66.466	ng		97
71) Phenanthrene	17.52	178	1111884	48.446	ng		100
72) Anthracene	17.61	178	1126447	49.127	ng		99
73) Carbazole	17.87	167	1076872	49.413	ng		97
74) Di-n-butylphthalate	18.44	149	1228362	47.053	ng		99
75) Fluoranthene	19.53	202	1484627	49.912	ng		99
77) Benzidine	19.70	184	595662	40.875	ng		98
78) Pyrene	19.89	202	1492743	45.712	ng		98
80) Butylbenzylphthalate	20.77	149	611879	46.298	ng		98
81) Benzo(a)anthracene	21.74	228	1528613	46.093	ng		97
82) 3,3'-Dichlorobenzidine	21.65	252	439929	34.135	ng		100
83) Chrysene	21.81	228	1478946	47.080	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	868662	48.104	ng		99
85) Di-n-octyl phthalate	22.90	149	1471689	47.807	ng		100
86) Indeno(1,2,3-cd)pyrene	28.77	276	1878365	48.285	ng	#	92
88) Benzo(b)fluoranthene	23.99	252	1654267	50.945	ng		99
89) Benzo(k)fluoranthene	24.06	252	1564959	51.020	ng		99
90) Benzo(a)pyrene	24.87	252	1600085	52.626	ng		98
91) Dibenzo(a,h)anthracene	28.84	278	1552018	51.899	ng		99
92) Benzo(g,h,i)perylene	29.94	276	1530806	52.480	ng		97

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

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