Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090619\
Data File : BG042754.D
Acq On : 6 Sep 2019 19:14
Operator : HP/JU
Sample : PB122847BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB122847BS

Manual Integrations APPROVED
mohammad
9/10/2019 9:59:53 AM

Quant Time: Sep 07 01:49:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	24493	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	113981	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	96058	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	249688	20.00	ng		0.00
76) Chrysene-d12	21.69	240	219398	20.00	ng		0.00
87) Perylene-d12	24.93	264	202766	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	153463	126.90	ng		0.00
7) Phenol-d6	7.18	99	198409	121.46	ng		0.00
23) Nitrobenzene-d5	9.18	82	101634	61.62	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	161121	118.01	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	370677	65.26	ng		0.00
79) Terphenyl-d14	20.02	244	833330	82.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	15081	29.882	ng		96
3) Pyridine	3.82	79	32913	25.432	ng		98
4) n-Nitrosodimethylamine	3.74	42	19484	42.153	ng		93
6) Aniline	7.33	93	63323	29.063	ng		99
8) 2-Chlorophenol	7.57	128	69397	47.349	ng		100
9) Benzaldehyde	7.14	77	25825	31.577	ng		96
10) Phenol	7.20	94	77872	46.885	ng		91
11) bis(2-Chloroethyl)ether	7.42	93	50795	38.941	ng		97
12) 1,3-Dichlorobenzene	7.90	146	72377	38.819	ng		94
13) 1,4-Dichlorobenzene	8.04	146	72045	38.147	ng		97
14) 1,2-Dichlorobenzene	8.37	146	71192	39.363	ng		98
15) Benzyl Alcohol	8.25	79	54446	46.327	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.54	45	62075	35.110	ng		98
17) 2-Methylphenol	8.46	107	57319	46.854	ng		95
18) Hexachloroethane	9.09	117	22924	35.456	ng		89
19) n-Nitroso-di-n-propylamine	8.82	70	42190	39.865	ng		94
20) 3+4-Methylphenols	8.79	107	77790	45.953	ng		97
22) Acetophenone	8.84	105	96299	39.501	ng	#	98
24) Nitrobenzene	9.22	77	62011	37.127	ng		99
25) Isophorone	9.75	82	122388	37.598	ng		97
26) 2-Nitrophenol	9.93	139	42411	40.519	ng	#	94
27) 2,4-Dimethylphenol	10.00	122	69286	48.054	ng		97
28) bis(2-Chloroethoxy)methane	10.23	93	72967	35.565	ng		99
29) 2,4-Dichlorophenol	10.49	162	86333	45.766	ng		94
30) 1,2,4-Trichlorobenzene	10.69	180	90788	39.210	ng		99
31) Naphthalene	10.88	128	207262	39.166	ng		99
32) Benzoic acid	10.18	122	26270	29.002	ng		93
33) 4-Chloroaniline	10.99	127	64809	26.530	ng		95
34) Hexachlorobutadiene	11.17	225	60412	38.822	ng		99
35) Caprolactam	11.77	113	26203m	41.628	ng		
36) 4-Chloro-3-methylphenol	12.13	107	80478	44.941	ng		96
37) 2-Methylnaphthalene	12.49	142	178064	41.906	ng		100
38) 1-Methylnaphthalene	12.71	142	166593	41.276	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	124212	40.266	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	75112	46.354	ng		98
43) 2,4,6-Trichlorophenol	13.10	196	82640	39.634	ng		99
44) 2,4,5-Trichlorophenol	13.18	196	89257	41.308	ng		99
46) 1,1'-Biphenyl	13.50	154	242561	39.064	ng		97
47) 2-Chloronaphthalene	13.54	162	201131	37.566	ng		99
48) 2-Nitroaniline	13.74	65	45848	35.511	ng		93
49) Acenaphthylene	14.39	152	318666	39.562	ng		99
50) Dimethylphthalate	14.12	163	276546	39.900	ng		99
51) 2,6-Dinitrotoluene	14.24	165	66245	41.235	ng		95
52) Acenaphthene	14.73	154	187615	38.358	ng		98
53) 3-Nitroaniline	14.57	138	46552	28.974	ng		93
54) 2,4-Dinitrophenol	14.79	184	75233	70.294	ng		99
55) Dibenzofuran	15.06	168	332152	41.026	ng		98
56) 4-Nitrophenol	14.89	139	90255	79.055	ng		95
57) 2,4-Dinitrotoluene	15.03	165	96347	41.880	ng		98
58) Fluorene	15.72	166	276470	41.774	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	93187m	43.610	ng		
60) Diethylphthalate	15.48	149	274868	40.569	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	165140	41.393	ng		99
62) 4-Nitroaniline	15.74	138	67580	39.301	ng		91
63) Azobenzene	16.00	77	174810	37.653	ng		94
65) 4,6-Dinitro-2-methylphenol	15.80	198	65473	41.824	ng		98
66) n-Nitrosodiphenylamine	15.92	169	262151	38.178	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	117413	37.072	ng		99
68) Hexachlorobenzene	16.73	284	127578	37.055	ng		96
69) Atrazine	16.87	200	102807	42.338	ng		96
70) Pentachlorophenol	17.07	266	138910	77.652	ng		98
71) Phenanthrene	17.46	178	493493	39.790	ng		98
72) Anthracene	17.55	178	496539	40.104	ng		99
73) Carbazole	17.82	167	447068	40.514	ng		99
74) Di-n-butylphthalate	18.37	149	513911	39.398	ng		99
75) Fluoranthene	19.47	202	669913	44.259	ng		97
77) Benzidine	19.65	184	123709	19.667	ng		98
78) Pyrene	19.84	202	659974	49.064	ng		98
80) Butylbenzylphthalate	20.71	149	194124	36.692	ng		96
81) Benzo(a)anthracene	21.67	228	536051	40.164	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	173180	32.263	ng		97
83) Chrysene	21.74	228	515855	40.078	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	246895	33.611	ng		98
85) Di-n-octyl phthalate	22.78	149	438430	34.702	ng		99
86) Indeno(1,2,3-cd)pyrene	28.66	276	639870	36.581	ng	#	98
88) Benzo(b)fluoranthene	23.91	252	544239	48.822	ng	#	98
89) Benzo(k)fluoranthene	23.98	252	538990	50.303	ng	#	98
90) Benzo(a)pyrene	24.79	252	533289	50.416	ng	#	98
91) Dibenzo(a,h)anthracene	28.72	278	533108	49.776	ng		97
92) Benzo(g,h,i)perylene	29.83	276	536959	50.128	ng		96

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

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