Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090319\
Data File : BG042685.D
Acq On : 3 Sep 2019 12:44
Operator : HP/JU
Sample : PB122722BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB122722BSD

Manual Integrations APPROVED
mohammad
9/6/2019 8:17:23 AM

Quant Time: Sep 04 04:25:30 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	8.00	152	28594	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	113061	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	87667	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	213891	20.00	ng		0.00
76) Chrysene-d12	21.69	240	231035	20.00	ng		0.00
87) Perylene-d12	24.93	264	274005	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	172838	122.42	ng		0.00
7) Phenol-d6	7.16	99	209706	109.96	ng		0.00
23) Nitrobenzene-d5	9.16	82	111756	68.31	ng		-0.01
42) 2,4,6-Tribromophenol	16.15	330	154606	124.08	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	383311	73.95	ng		0.00
79) Terphenyl-d14	20.02	244	793587	74.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	22425	38.061	ng		99
3) Pyridine	3.82	79	50854	33.660	ng		98
4) n-Nitrosodimethylamine	3.73	42	23507	43.563	ng		97
6) Aniline	7.31	93	72593	28.539	ng		99
8) 2-Chlorophenol	7.56	128	78152	45.675	ng		95
9) Benzaldehyde	7.12	77	40522	42.442	ng		98
10) Phenol	7.19	94	83665	43.148	ng		92
11) bis(2-Chloroethyl)ether	7.41	93	59626	39.155	ng		92
12) 1,3-Dichlorobenzene	7.89	146	91586	42.076	ng		98
13) 1,4-Dichlorobenzene	8.03	146	94500	42.861	ng		98
14) 1,2-Dichlorobenzene	8.35	146	88652	41.986	ng		98
15) Benzyl Alcohol	8.24	79	55381	40.364	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	74169	35.934	ng		98
17) 2-Methylphenol	8.45	107	61146	42.814	ng		96
18) Hexachloroethane	9.09	117	30624	40.572	ng		92
19) n-Nitroso-di-n-propylamine	8.80	70	46304	37.477	ng		99
20) 3+4-Methylphenols	8.78	107	80537	40.752	ng		98
22) Acetophenone	8.82	105	105875	43.783	ng	#	98
24) Nitrobenzene	9.21	77	71079	42.902	ng		97
25) Isophorone	9.73	82	127193	39.392	ng		98
26) 2-Nitrophenol	9.93	139	46433	44.722	ng		95
27) 2,4-Dimethylphenol	9.98	122	71848	50.237	ng		98
28) bis(2-Chloroethoxy)methane	10.21	93	80166	39.392	ng		98
29) 2,4-Dichlorophenol	10.47	162	87861	46.955	ng		98
30) 1,2,4-Trichlorobenzene	10.68	180	102627	44.683	ng		99
31) Naphthalene	10.87	128	233248	44.436	ng		99
32) Benzoic acid	10.15	122	26192	29.109	ng		99
33) 4-Chloroaniline	10.98	127	65445	27.008	ng		98
34) Hexachlorobutadiene	11.15	225	69954	45.319	ng		99
35) Caprolactam	11.75	113	25264m	40.463	ng		
36) 4-Chloro-3-methylphenol	12.11	107	80062	45.072	ng		99
37) 2-Methylnaphthalene	12.48	142	188526	44.729	ng		98
38) 1-Methylnaphthalene	12.70	142	176683	44.132	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	132735	47.148	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	120622	81.565	ng		100
43) 2,4,6-Trichlorophenol	13.09	196	82475	43.340	ng		96
44) 2,4,5-Trichlorophenol	13.18	196	89665	45.469	ng		98
46) 1,1'-Biphenyl	13.49	154	252617	44.578	ng		96
47) 2-Chloronaphthalene	13.53	162	206056	42.170	ng		99
48) 2-Nitroaniline	13.73	65	44862	38.073	ng		98
49) Acenaphthylene	14.38	152	330021	44.893	ng		99
50) Dimethylphthalate	14.11	163	259092	40.960	ng		100
51) 2,6-Dinitrotoluene	14.23	165	64036	43.675	ng		98
52) Acenaphthene	14.72	154	190714	42.724	ng		98
53) 3-Nitroaniline	14.56	138	45370	30.941	ng		98
54) 2,4-Dinitrophenol	14.78	184	59341	61.602	ng		100
55) Dibenzofuran	15.06	168	333891	45.188	ng		98
56) 4-Nitrophenol	14.88	139	85191	81.761	ng		95
57) 2,4-Dinitrotoluene	15.03	165	92387	44.003	ng		99
58) Fluorene	15.71	166	276147	45.719	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	92360m	47.360	ng		
60) Diethylphthalate	15.47	149	258500	41.805	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	162964	44.758	ng		97
62) 4-Nitroaniline	15.73	138	65031	41.438	ng		95
63) Azobenzene	15.99	77	173792	41.017	ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	53609	39.977	ng		98
66) n-Nitrosodiphenylamine	15.91	169	254631	43.289	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	115498	42.571	ng		97
68) Hexachlorobenzene	16.72	284	125193	42.448	ng		99
69) Atrazine	16.86	200	96149	46.223	ng		95
70) Pentachlorophenol	17.07	266	120474	78.617	ng		97
71) Phenanthrene	17.45	178	475436	44.750	ng		100
72) Anthracene	17.55	178	489385	46.141	ng		98
73) Carbazole	17.81	167	424331	44.890	ng		98
74) Di-n-butylphthalate	18.37	149	478730	42.843	ng		99
75) Fluoranthene	19.46	202	625763	48.261	ng		97
77) Benzidine	19.64	184	248017	37.443	ng		99
78) Pyrene	19.83	202	633303	44.710	ng		98
80) Butylbenzylphthalate	20.71	149	224794	40.349	ng		97
81) Benzo(a)anthracene	21.67	228	626715	44.592	ng		97
82) 3,3'-Dichlorobenzidine	21.58	252	203036	35.920	ng		99
83) Chrysene	21.74	228	598771	44.176	ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	320698	41.459	ng		98
85) Di-n-octyl phthalate	22.78	149	558622	41.988	ng		99
86) Indeno(1,2,3-cd)pyrene	28.65	276	781606	42.433	ng	#	96
88) Benzo(b)fluoranthene	23.90	252	687360m	45.630	ng		
89) Benzo(k)fluoranthene	23.97	252	669128	46.212	ng		98
90) Benzo(a)pyrene	24.77	252	673959	47.149	ng	#	97
91) Dibenzo(a,h)anthracene	28.70	278	654584	45.228	ng		97
92) Benzo(g,h,i)perylene	29.80	276	628985	43.453	ng		97

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

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