Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
Data File : BG042705.D
Acq On : 4 Sep 2019 13:30
Operator : HP/JU
Sample : PB122759BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB122759BS

Manual Integrations APPROVED
mohammad
9/10/2019 9:50:29 AM

Quant Time: Sep 04 18:29:35 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	36804	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	138487	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	104439	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	254750	20.00	ng		0.00
76) Chrysene-d12	21.69	240	271365	20.00	ng		0.00
87) Perylene-d12	24.93	264	324892	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	213683	117.59	ng		0.00
7) Phenol-d6	7.17	99	272699	111.09	ng		0.00
23) Nitrobenzene-d5	9.17	82	152529	76.11	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	192826	129.90	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	521206	84.40	ng		0.00
79) Terphenyl-d14	20.02	244	1031074	82.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	19537	25.762	ng	#	93
3) Pyridine	3.82	79	44821	23.049	ng		95
4) n-Nitrosodimethylamine	3.74	42	22531	32.440	ng		88
6) Aniline	7.31	93	65873	20.120	ng		97
8) 2-Chlorophenol	7.56	128	73161	33.220	ng		98
9) Benzaldehyde	7.13	77	40271	32.770	ng		92
10) Phenol	7.19	94	79753	31.955	ng		90
11) bis(2-Chloroethyl)ether	7.41	93	55710	28.423	ng		95
12) 1,3-Dichlorobenzene	7.89	146	86478	30.867	ng		98
13) 1,4-Dichlorobenzene	8.03	146	87371	30.788	ng		96
14) 1,2-Dichlorobenzene	8.35	146	82442	30.335	ng		98
15) Benzyl Alcohol	8.24	79	54257	30.723	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	70509	26.541	ng		98
17) 2-Methylphenol	8.45	107	57978	31.540	ng		98
18) Hexachloroethane	9.09	117	29231	30.088	ng	#	82
19) n-Nitroso-di-n-propylamine	8.81	70	43863	27.582	ng		92
20) 3+4-Methylphenols	8.78	107	78171	30.731	ng		96
22) Acetophenone	8.82	105	100806	34.033	ng	#	98
24) Nitrobenzene	9.21	77	65427	32.240	ng		99
25) Isophorone	9.74	82	124149	31.390	ng		99
26) 2-Nitrophenol	9.93	139	45587	35.846	ng		96
27) 2,4-Dimethylphenol	9.99	122	67949	38.788	ng		97
28) bis(2-Chloroethoxy)methane	10.22	93	76232	30.581	ng		99
29) 2,4-Dichlorophenol	10.48	162	85853	37.458	ng		95
30) 1,2,4-Trichlorobenzene	10.68	180	97505	34.659	ng		99
31) Naphthalene	10.87	128	218705	34.015	ng		99
32) Benzoic acid	10.15	122	25303	24.684	ng		92
33) 4-Chloroaniline	10.98	127	51447	17.333	ng		98
34) Hexachlorobutadiene	11.16	225	66859	35.362	ng		99
35) Caprolactam	11.76	113	25177	32.920	ng	#	87
36) 4-Chloro-3-methylphenol	12.11	107	78717	36.179	ng		96
37) 2-Methylnaphthalene	12.48	142	177601	34.401	ng		99
38) 1-Methylnaphthalene	12.70	142	167419	34.140	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	123920	36.948	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	121463	68.944 ng		97
43) 2,4,6-Trichlorophenol	13.10	196	78665	34.700 ng		100
44) 2,4,5-Trichlorophenol	13.17	196	88020	37.467 ng		95
46) 1,1'-Biphenyl	13.49	154	240222	35.583 ng		97
47) 2-Chloronaphthalene	13.54	162	197225	33.881 ng		99
48) 2-Nitroaniline	13.74	65	44348	31.593 ng		97
49) Acenaphthylene	14.38	152	313094	35.751 ng		100
50) Dimethylphthalate	14.11	163	262493	34.833 ng		99
51) 2,6-Dinitrotoluene	14.23	165	62116	35.562 ng		98
52) Acenaphthene	14.72	154	181390	34.110 ng		99
53) 3-Nitroaniline	14.57	138	37776	21.625 ng	#	98
54) 2,4-Dinitrophenol	14.78	184	60650	53.740 ng		96
55) Dibenzofuran	15.06	168	324020	36.810 ng		100
56) 4-Nitrophenol	14.89	139	84626	68.176 ng		96
57) 2,4-Dinitrotoluene	15.03	165	90755	36.284 ng		97
58) Fluorene	15.71	166	266626	37.054 ng		97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	89399	38.480 ng		95
60) Diethylphthalate	15.47	149	256458	34.814 ng		100
61) 4-Chlorophenyl-phenylether	15.70	204	158188	36.469 ng		98
62) 4-Nitroaniline	15.73	138	61906	33.112 ng		93
63) Azobenzene	15.99	77	169754	33.630 ng		95
65) 4,6-Dinitro-2-methylphenol	15.80	198	58077	36.362 ng		97
66) n-Nitrosodiphenylamine	15.91	169	247936	35.390 ng		98
67) 4-Bromophenyl-phenylether	16.59	248	112017	34.666 ng		99
68) Hexachlorobenzene	16.72	284	121448	34.574 ng		96
69) Atrazine	16.86	200	96696	39.030 ng		98
70) Pentachlorophenol	17.07	266	122760	67.260 ng		99
71) Phenanthrene	17.46	178	457278	36.137 ng		98
72) Anthracene	17.54	178	470188	37.221 ng		98
73) Carbazole	17.81	167	404362	35.916 ng		98
74) Di-n-butylphthalate	18.37	149	462214	34.731 ng		98
75) Fluoranthene	19.47	202	598206	38.736 ng		97
77) Benzidine	19.64	184	174021	22.367 ng		98
78) Pyrene	19.83	202	604119	36.311 ng		98
80) Butylbenzylphthalate	20.70	149	210577	32.180 ng		98
81) Benzo(a)anthracene	21.67	228	598903	36.280 ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	178078	26.823 ng		99
83) Chrysene	21.74	228	576934	36.239 ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	305925	33.671 ng		98
85) Di-n-octyl phthalate	22.78	149	534014	34.173 ng		99
86) Indeno(1,2,3-cd)pyrene	28.65	276	740610	34.232 ng	#	97
88) Benzo(b)fluoranthene	23.91	252	651524m	36.477 ng		
89) Benzo(k)fluoranthene	23.97	252	651832	37.967 ng	#	98
90) Benzo(a)pyrene	24.78	252	644945	38.052 ng		98
91) Dibenzo(a,h)anthracene	28.70	278	622670	36.284 ng		98
92) Benzo(g,h,i)perylene	29.81	276	599305	34.917 ng		97

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

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