Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040877.D
Acq On : 11 May 2019 17:19
Operator : HP/JU
Sample : PB119645BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB119645BS

Manual Integrations APPROVED
Sohil
5/14/2019 8:01:41 PM

Quant Time: May 12 05:44:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	56454	20.00	ng		-0.02
21) Naphthalene-d8	10.96	136	226085	20.00	ng		-0.03
39) Acenaphthene-d10	14.76	164	172204	20.00	ng		-0.03
64) Phenanthrene-d10	17.51	188	442623	20.00	ng		-0.03
76) Chrysene-d12	21.80	240	463518	20.00	ng		-0.03
87) Perylene-d12	25.14	264	427656	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	470419	146.89	ng		-0.02
7) Phenol-d6	7.28	99	672189	136.32	ng		-0.02
23) Nitrobenzene-d5	9.31	82	393357	80.39	ng		-0.03
42) 2,4,6-Tribromophenol	16.26	330	372207	157.25	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	906736	76.04	ng		-0.03
79) Terphenyl-d14	20.10	244	1720699	82.24	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	47689	32.743	ng		90
3) Pyridine	3.94	79	121974	28.893	ng		97
4) n-Nitrosodimethylamine	3.86	42	78906	33.697	ng	#	84
6) Aniline	7.45	93	187973	28.760	ng		99
8) 2-Chlorophenol	7.69	128	154350	39.471	ng		98
9) Benzaldehyde	7.27	77	79825	23.569	ng		95
10) Phenol	7.30	94	210170	39.650	ng		96
11) bis(2-Chloroethyl)ether	7.55	93	141022	35.478	ng		94
12) 1,3-Dichlorobenzene	8.02	146	153958	36.071	ng		96
13) 1,4-Dichlorobenzene	8.17	146	154753	35.766	ng		100
14) 1,2-Dichlorobenzene	8.49	146	150741	36.125	ng		95
15) Benzyl Alcohol	8.37	79	173637	33.842	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	226382	28.606	ng		94
17) 2-Methylphenol	8.56	107	144281	38.463	ng		90
18) Hexachloroethane	9.22	117	60202	33.918	ng		96
19) n-Nitroso-di-n-propylamine	8.94	70	141923	31.973	ng		94
20) 3+4-Methylphenols	8.89	107	201426	38.545	ng		97
22) Acetophenone	8.96	105	251632	40.025	ng	#	94
24) Nitrobenzene	9.36	77	209378	40.107	ng		95
25) Isophorone	9.87	82	396845	36.411	ng		99
26) 2-Nitrophenol	10.06	139	91067	48.664	ng		94
27) 2,4-Dimethylphenol	10.10	122	162330	46.233	ng		94
28) bis(2-Chloroethoxy)methane	10.35	93	206700	37.800	ng		98
29) 2,4-Dichlorophenol	10.59	162	184036	46.105	ng		95
30) 1,2,4-Trichlorobenzene	10.81	180	188192	42.514	ng		99
31) Naphthalene	11.01	128	479053	39.884	ng		99
32) Benzoic acid	10.23	122	107047	44.535	ng		95
33) 4-Chloroaniline	11.11	127	136375	25.608	ng		94
34) Hexachlorobutadiene	11.27	225	138069	42.249	ng		98
35) Caprolactam	11.91	113	62025m	39.357	ng		
36) 4-Chloro-3-methylphenol	12.22	107	212710	42.242	ng		98
37) 2-Methylnaphthalene	12.60	142	363473	40.474	ng		99
38) 1-Methylnaphthalene	12.82	142	352455	40.152	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	262509	40.921	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	325074	85.876	ng		98
43) 2,4,6-Trichlorophenol	13.19	196	181413	46.796	ng		99
44) 2,4,5-Trichlorophenol	13.26	196	195503	46.294	ng		94
46) 1,1'-Biphenyl	13.60	154	499453	37.356	ng		96
47) 2-Chloronaphthalene	13.65	162	412026	39.378	ng		99
48) 2-Nitroaniline	13.85	65	157768	42.359	ng		96
49) Acenaphthylene	14.49	152	651466	36.698	ng		100
50) Dimethylphthalate	14.21	163	567790	39.408	ng		99
51) 2,6-Dinitrotoluene	14.34	165	128399	45.661	ng		87
52) Acenaphthene	14.83	154	383017	37.049	ng		93
53) 3-Nitroaniline	14.68	138	87520	30.376	ng	#	97
54) 2,4-Dinitrophenol	14.87	184	178998	109.984	ng	#	88
55) Dibenzofuran	15.16	168	659595	38.953	ng		99
56) 4-Nitrophenol	14.96	139	201682	80.727	ng		92
57) 2,4-Dinitrotoluene	15.13	165	179977	47.102	ng		87
58) Fluorene	15.81	166	520852	38.056	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.38	232	201612	47.432	ng		94
60) Diethylphthalate	15.56	149	580034	38.156	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	328287	41.241	ng		94
62) 4-Nitroaniline	15.84	138	128194	39.775	ng		93
63) Azobenzene	16.09	77	535915	34.232	ng		97
65) 4,6-Dinitro-2-methylphenol	15.88	198	113888	51.596	ng		87
66) n-Nitrosodiphenylamine	16.01	169	483103	37.098	ng		99
67) 4-Bromophenyl-phenylether	16.69	248	219526	39.809	ng		96
68) Hexachlorobenzene	16.80	284	226810	39.777	ng		97
69) Atrazine	16.95	200	206713	40.065	ng		94
70) Pentachlorophenol	17.15	266	304236	91.181	ng		97
71) Phenanthrene	17.55	178	890366	37.346	ng		99
72) Anthracene	17.64	178	911683	38.044	ng		99
73) Carbazole	17.91	167	808071	37.011	ng		99
74) Di-n-butylphthalate	18.45	149	977297	37.086	ng		99
75) Fluoranthene	19.55	202	1193774	40.181	ng		99
77) Benzidine	19.73	184	395133	31.134	ng		99
78) Pyrene	19.92	202	1192583	41.051	ng		99
80) Butylbenzylphthalate	20.78	149	459109	40.547	ng		95
81) Benzo(a)anthracene	21.77	228	1157788	39.522	ng		100
82) 3,3'-Dichlorobenzidine	21.68	252	366537	35.104	ng		97
83) Chrysene	21.84	228	1138610	40.869	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	632400	38.692	ng	#	96
85) Di-n-octyl phthalate	22.89	149	1067017	38.763	ng		95
86) Indeno(1,2,3-cd)pyrene	28.99	276	1404451	41.695	ng	#	92
88) Benzo(b)fluoranthene	24.07	252	1205103	46.113	ng		96
89) Benzo(k)fluoranthene	24.14	252	1152417	47.219	ng		97
90) Benzo(a)pyrene	24.99	252	1160794	46.925	ng		99
91) Dibenzo(a,h)anthracene	29.07	278	1159342	46.312	ng	#	96
92) Benzo(g,h,i)perylene	30.20	276	1175578	47.185	ng		97

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

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