Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
Data File : BG044304.D
Acq On : 5 Feb 2020 14:49
Operator : CG/JU
Sample : PB126601BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126601BSD

Manual Integrations APPROVED
mohammad
2/6/2020 2:19:24 PM

Quant Time: Feb 06 01:22:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	84644	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	380694	20.00	ng		0.00
39) Acenaphthene-d10	14.55	164	264142	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	608146	20.00	ng		0.00
76) Chrysene-d12	21.54	240	544142	20.00	ng		0.00
87) Perylene-d12	24.64	264	500371	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	608831	126.94	ng		0.00
7) Phenol-d6	7.09	99	825398	128.16	ng		0.00
23) Nitrobenzene-d5	9.07	82	499653	74.10	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	364026	117.39	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	1164821	73.84	ng		0.00
79) Terphenyl-d14	19.91	244	1856813	70.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	77894	36.148	ng		99
3) Pyridine	3.77	79	188313	32.801	ng		98
4) n-Nitrosodimethylamine	3.68	42	99999	41.683	ng		99
6) Aniline	7.24	93	254664	31.856	ng		98
8) 2-Chlorophenol	7.48	128	265278	50.327	ng		98
9) Benzaldehyde	7.04	77	79496	21.672	ng		99
10) Phenol	7.11	94	329759	51.736	ng		99
11) bis(2-Chloroethyl)ether	7.33	93	237340	43.555	ng		98
12) 1,3-Dichlorobenzene	7.80	146	257751	40.955	ng		97
13) 1,4-Dichlorobenzene	7.95	146	261384	41.934	ng		99
14) 1,2-Dichlorobenzene	8.27	146	246551	41.847	ng		99
15) Benzyl Alcohol	8.15	79	220752	48.414	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	304991	41.352	ng		99
17) 2-Methylphenol	8.37	107	231225	50.845	ng		98
18) Hexachloroethane	9.00	117	95684	40.907	ng		100
19) n-Nitroso-di-n-propylamine	8.72	70	188461	43.907	ng		97
20) 3+4-Methylphenols	8.69	107	319520	50.981	ng		98
22) Acetophenone	8.74	105	356967	38.545	ng	#	98
24) Nitrobenzene	9.11	77	272424	41.383	ng		99
25) Isophorone	9.64	82	525295	41.795	ng		99
26) 2-Nitrophenol	9.83	139	152936	44.773	ng		99
27) 2,4-Dimethylphenol	9.89	122	256857	53.270	ng		99
28) bis(2-Chloroethoxy)methane	10.12	93	333373	39.761	ng		99
29) 2,4-Dichlorophenol	10.37	162	273957	46.988	ng		99
30) 1,2,4-Trichlorobenzene	10.58	180	262477	39.261	ng		98
31) Naphthalene	10.77	128	766838	41.518	ng		99
32) Benzoic acid	10.05	122	123710	41.622	ng		91
33) 4-Chloroaniline	10.87	127	201225	23.955	ng		99
34) Hexachlorobutadiene	11.06	225	147905	35.954	ng		99
35) Caprolactam	11.64	113	108258m	50.688	ng		
36) 4-Chloro-3-methylphenol	12.01	107	295761	48.383	ng		99
37) 2-Methylnaphthalene	12.38	142	587698	42.855	ng		99
38) 1-Methylnaphthalene	12.60	142	557551	43.124	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	289284	36.612	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	266663	70.335 ng	100
43) 2,4,6-Trichlorophenol	12.99	196	223850	43.830 ng	99
44) 2,4,5-Trichlorophenol	13.06	196	241696	46.333 ng	100
46) 1,1'-Biphenyl	13.39	154	753224	39.533 ng	98
47) 2-Chloronaphthalene	13.43	162	588556	38.820 ng	99
48) 2-Nitroaniline	13.62	65	188353	42.096 ng	98
49) Acenaphthylene	14.28	152	946577	42.567 ng	100
50) Dimethylphthalate	14.01	163	781839	41.177 ng	99
51) 2,6-Dinitrotoluene	14.12	165	182470	43.101 ng	98
52) Acenaphthene	14.62	154	592882	41.133 ng	98
53) 3-Nitroaniline	14.45	138	140402	29.976 ng	99
54) 2,4-Dinitrophenol	14.66	184	219627	86.832 ng	98
55) Dibenzofuran	14.95	168	923364	42.311 ng	100
56) 4-Nitrophenol	14.78	139	346664	101.042 ng	100
57) 2,4-Dinitrotoluene	14.92	165	258697	43.599 ng	97
58) Fluorene	15.60	166	737183	42.888 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	220628	46.824 ng	100
60) Diethylphthalate	15.38	149	791673	41.845 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	384797	41.288 ng	99
62) 4-Nitroaniline	15.62	138	190089	40.616 ng	97
63) Azobenzene	15.89	77	711787	42.926 ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	161296	48.048 ng	98
66) n-Nitrosodiphenylamine	15.81	169	703222	41.262 ng	99
67) 4-Bromophenyl-phenylether	16.49	248	259296	39.135 ng	99
68) Hexachlorobenzene	16.62	284	283544	38.198 ng	99
69) Atrazine	16.76	200	265053	45.374 ng	99
70) Pentachlorophenol	16.96	266	321492	85.425 ng	98
71) Phenanthrene	17.34	178	1200856	40.778 ng	99
72) Anthracene	17.43	178	1225829	42.104 ng	99
73) Carbazole	17.70	167	1129855	42.096 ng	100
74) Di-n-butylphthalate	18.27	149	1362628	41.082 ng	99
75) Fluoranthene	19.35	202	1407963	41.330 ng	98
77) Benzidine	19.53	184	293556	19.450 ng	97
78) Pyrene	19.71	202	1425072	40.780 ng	99
80) Butylbenzylphthalate	20.60	149	642279	40.332 ng	99
81) Benzo(a)anthracene	21.53	228	1377502	41.075 ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	441781	33.942 ng	99
83) Chrysene	21.59	228	1315942	40.596 ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	893552	40.766 ng	100
85) Di-n-octyl phthalate	22.62	149	1572432	41.461 ng	100
86) Indeno(1,2,3-cd)pyrene	28.15	276	1701663	40.237 ng	100
88) Benzo(b)fluoranthene	23.67	252	1498853	51.984 ng	100
89) Benzo(k)fluoranthene	23.73	252	1411245	50.219 ng	99
90) Benzo(a)pyrene	24.50	252	1343799	49.293 ng	99
91) Dibenzo(a,h)anthracene	28.22	278	1418801	52.588 ng	99
92) Benzo(g,h,i)perylene	29.25	276	1430753	52.974 ng	99

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

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