Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
Data File : BG044370.D
Acq On : 11 Feb 2020 1:53
Operator : CG/JU
Sample : PB126703BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126703BS

Manual Integrations APPROVED
mohammad
2/12/2020 9:49:49 AM

Quant Time: Feb 11 03:17:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	64225	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	297605	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	214566	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	505617	20.00	ng	0.00
76) Chrysene-d12	21.54	240	465831	20.00	ng	0.00
87) Perylene-d12	24.62	264	500186	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	171266	47.06	ng	0.00
7) Phenol-d6	7.07	99	142563	29.17	ng	0.00
23) Nitrobenzene-d5	9.06	82	503532	95.52	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	263396	104.57	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1206212	94.14	ng	0.00
79) Terphenyl-d14	19.90	244	1901228	83.95	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	27604	16.883	ng	98
3) Pyridine	3.76	79	67033	15.388	ng	98
4) n-Nitrosodimethylamine	3.67	42	35122	19.295	ng	94
6) Aniline	7.22	93	203101	33.483	ng	99
8) 2-Chlorophenol	7.47	128	183297	45.830	ng	97
9) Benzaldehyde	7.04	77	120483	43.289	ng	98
10) Phenol	7.10	94	76455	15.808	ng	99
11) bis(2-Chloroethyl)ether	7.32	93	215248	52.059	ng	97
12) 1,3-Dichlorobenzene	7.79	146	191366	40.074	ng	99
13) 1,4-Dichlorobenzene	7.93	146	198096	41.884	ng	98
14) 1,2-Dichlorobenzene	8.26	146	190435	42.599	ng	99
15) Benzyl Alcohol	8.14	79	121742	35.188	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.44	45	279903	50.016	ng	99
17) 2-Methylphenol	8.35	107	128749	37.312	ng	96
18) Hexachloroethane	8.99	117	66013	37.195	ng	99
19) n-Nitroso-di-n-propylamine	8.71	70	180357	55.378	ng	96
20) 3+4-Methylphenols	8.68	107	159423	33.524	ng	98
22) Acetophenone	8.72	105	342897	47.363	ng	99
24) Nitrobenzene	9.10	77	251736	48.917	ng	97
25) Isophorone	9.63	82	513004	52.213	ng	100
26) 2-Nitrophenol	9.81	139	131819	49.365	ng	99
27) 2,4-Dimethylphenol	9.88	122	198719	52.719	ng	97
28) bis(2-Chloroethoxy)methane	10.11	93	319794	48.791	ng	99
29) 2,4-Dichlorophenol	10.36	162	224401	49.234	ng	98
30) 1,2,4-Trichlorobenzene	10.57	180	210672	40.310	ng	100
31) Naphthalene	10.75	128	668080	46.269	ng	100
32) Benzoic acid	10.02	122	3949m	15.292	ng	
33) 4-Chloroaniline	10.86	127	213139	32.457	ng	99
34) Hexachlorobutadiene	11.05	225	113062	35.158	ng	97
35) Caprolactam	11.64	113	14476m	8.670	ng	
36) 4-Chloro-3-methylphenol	11.99	107	233140	48.787	ng	99
37) 2-Methylnaphthalene	12.36	142	532472	49.668	ng	99
38) 1-Methylnaphthalene	12.58	142	510974	50.556	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	266041	41.450	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	248512	80.693	ng		98
43) 2,4,6-Trichlorophenol	12.98	196	198477	47.841	ng		100
44) 2,4,5-Trichlorophenol	13.05	196	215694	50.902	ng		98
46) 1,1'-Biphenyl	13.38	154	711954	46.001	ng		99
47) 2-Chloronaphthalene	13.42	162	555847	45.133	ng		100
48) 2-Nitroaniline	13.62	65	177640	48.875	ng		97
49) Acenaphthylene	14.26	152	914540	50.628	ng		100
50) Dimethylphthalate	14.00	163	780624	50.612	ng		99
51) 2,6-Dinitrotoluene	14.12	165	178871	52.013	ng		100
52) Acenaphthene	14.61	154	565769	48.321	ng		98
53) 3-Nitroaniline	14.44	138	133131	34.991	ng		97
54) 2,4-Dinitrophenol	14.66	184	179184	87.177	ng		97
55) Dibenzofuran	14.94	168	903473	50.965	ng		99
56) 4-Nitrophenol	14.76	139	97283	34.907	ng		98
57) 2,4-Dinitrotoluene	14.90	165	257015	53.323	ng		99
58) Fluorene	15.59	166	723568	51.822	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	202293	52.852	ng		99
60) Diethylphthalate	15.37	149	793489	51.631	ng		99
61) 4-Chlorophenyl-phenylether	15.58	204	383704	50.684	ng		98
62) 4-Nitroaniline	15.61	138	178178	46.867	ng		100
63) Azobenzene	15.88	77	708073	52.569	ng		99
65) 4,6-Dinitro-2-methylphenol	15.67	198	147488	52.844	ng		96
66) n-Nitrosodiphenylamine	15.80	169	691346	48.791	ng		98
67) 4-Bromophenyl-phenylether	16.48	248	261388	47.451	ng		98
68) Hexachlorobenzene	16.60	284	288629	46.768	ng		98
69) Atrazine	16.75	200	276265	56.884	ng		99
70) Pentachlorophenol	16.95	266	301764	96.037	ng		96
71) Phenanthrene	17.33	178	1193196	48.734	ng		99
72) Anthracene	17.42	178	1235502	51.041	ng		99
73) Carbazole	17.69	167	1125031	50.415	ng		98
74) Di-n-butylphthalate	18.26	149	1362066	49.393	ng		100
75) Fluoranthene	19.34	202	1413769	49.916	ng		98
77) Benzidine	19.52	184	688419	53.279	ng		100
78) Pyrene	19.70	202	1406376	47.011	ng		100
80) Butylbenzylphthalate	20.59	149	616415	45.215	ng		96
81) Benzo(a)anthracene	21.51	228	1348628	46.975	ng		100
82) 3,3'-Dichlorobenzidine	21.43	252	424373	38.086	ng		100
83) Chrysene	21.58	228	1289191	46.456	ng		100
84) Bis(2-ethylhexyl)phthalate	21.44	149	857091	45.676	ng		99
85) Di-n-octyl phthalate	22.60	149	1510957	46.538	ng		100
86) Indeno(1,2,3-cd)pyrene	28.11	276	1681620	46.448	ng	#	92
88) Benzo(b)fluoranthene	23.65	252	1424644	49.428	ng		100
89) Benzo(k)fluoranthene	23.71	252	1414558	50.356	ng		100
90) Benzo(a)pyrene	24.47	252	1325706	48.648	ng		99
91) Dibenzo(a,h)anthracene	28.18	278	1394520	51.707	ng		99
92) Benzo(g,h,i)perylene	29.20	276	1405566	52.061	ng		98

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

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