Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
Data File : BG045689.D
Acq On : 10 Jun 2020 13:13
Operator : CG/JU
Sample : PB129414BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB129414BS

Manual Integrations APPROVED
mohammad
6/11/2020 1:47:53 PM

Quant Time: Jun 10 18:43:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	50092	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	212965	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	166108	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	404094	20.00	ng	0.00
76) Chrysene-d12	21.60	240	376578	20.00	ng	0.00
87) Perylene-d12	24.74	264	414285	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	367148	143.24	ng	0.00
7) Phenol-d6	7.13	99	530043	145.29	ng	-0.01
23) Nitrobenzene-d5	9.11	82	342289	87.65	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	280017	131.81	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	815805	83.31	ng	0.00
79) Terphenyl-d14	19.95	244	1483933	91.91	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	45107	35.488	ng	96
3) Pyridine	3.79	79	131346	37.104	ng	96
4) n-Nitrosodimethylamine	3.71	42	55170	47.627	ng	81
6) Aniline	7.27	93	146226	30.705	ng	99
8) 2-Chlorophenol	7.52	128	140117	49.849	ng	98
9) Benzaldehyde	7.08	77	102446	43.101	ng	96
10) Phenol	7.16	94	190412	50.642	ng	94
11) bis(2-Chloroethyl)ether	7.36	93	130306	44.431	ng	98
12) 1,3-Dichlorobenzene	7.83	146	144374	42.742	ng	98
13) 1,4-Dichlorobenzene	7.98	146	150096	45.027	ng	99
14) 1,2-Dichlorobenzene	8.30	146	140613	43.858	ng	96
15) Benzyl Alcohol	8.19	79	147113	48.814	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.47	45	120959	43.450	ng	99
17) 2-Methylphenol	8.41	107	131015	46.554	ng	96
18) Hexachloroethane	9.03	117	56664	44.383	ng	93
19) n-Nitroso-di-n-propylamine	8.75	70	122446	48.537	ng	97
20) 3+4-Methylphenols	8.74	107	175456	45.783	ng	94
22) Acetophenone	8.77	105	213908	42.379	ng	99
24) Nitrobenzene	9.15	77	182919	43.717	ng	98
25) Isophorone	9.67	82	335704	43.648	ng	99
26) 2-Nitrophenol	9.86	139	82413	46.043	ng	95
27) 2,4-Dimethylphenol	9.94	122	135933	51.204	ng	95
28) bis(2-Chloroethoxy)methane	10.15	93	184202	45.668	ng	99
29) 2,4-Dichlorophenol	10.41	162	152528	48.654	ng	98
30) 1,2,4-Trichlorobenzene	10.62	180	160959	43.451	ng	99
31) Naphthalene	10.80	128	438594	44.195	ng	99
32) Benzoic acid	10.11	122	59246	35.984	ng	95
33) 4-Chloroaniline	10.92	127	77171	18.603	ng	98
34) Hexachlorobutadiene	11.09	225	108363	41.384	ng	99
35) Caprolactam	11.69	113	53160m	46.199	ng	
36) 4-Chloro-3-methylphenol	12.06	107	180310	51.042	ng	93
37) 2-Methylnaphthalene	12.41	142	339976	45.963	ng	97
38) 1-Methylnaphthalene	12.63	142	324703m	46.471	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	193451	41.695	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	239472	89.424	ng		98
43) 2,4,6-Trichlorophenol	13.03	196	139419	43.258	ng		92
44) 2,4,5-Trichlorophenol	13.11	196	144610	39.264	ng		97
46) 1,1'-Biphenyl	13.42	154	450358	44.124	ng		100
47) 2-Chloronaphthalene	13.47	162	344637	41.582	ng		99
48) 2-Nitroaniline	13.67	65	119393	43.793	ng		99
49) Acenaphthylene	14.31	152	579665	43.542	ng		99
50) Dimethylphthalate	14.05	163	493810	43.336	ng		99
51) 2,6-Dinitrotoluene	14.17	165	110943	43.147	ng		97
52) Acenaphthene	14.65	154	348828	39.144	ng		99
53) 3-Nitroaniline	14.50	138	62036	23.734	ng	#	89
54) 2,4-Dinitrophenol	14.71	184	129297	76.985	ng		96
55) Dibenzofuran	14.99	168	575216	43.467	ng		97
56) 4-Nitrophenol	14.84	139	143129	72.328	ng		89
57) 2,4-Dinitrotoluene	14.96	165	163754	43.974	ng		98
58) Fluorene	15.64	166	493181	45.363	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.22	232	140978	43.508	ng		97
60) Diethylphthalate	15.41	149	528080	44.525	ng		98
61) 4-Chlorophenyl-phenylether	15.63	204	271399	43.624	ng		99
62) 4-Nitroaniline	15.67	138	112032	41.057	ng		97
63) Azobenzene	15.93	77	507794	45.917	ng		99
65) 4,6-Dinitro-2-methylphenol	15.73	198	103701	44.064	ng		97
66) n-Nitrosodiphenylamine	15.85	169	438442	45.190	ng		99
67) 4-Bromophenyl-phenylether	16.53	248	191949	43.867	ng		97
68) Hexachlorobenzene	16.65	284	206167	45.048	ng		96
69) Atrazine	16.80	200	170201	42.590	ng		100
70) Pentachlorophenol	17.00	266	185489	78.056	ng		97
71) Phenanthrene	17.38	178	807383	45.768	ng		99
72) Anthracene	17.47	178	822011	46.400	ng		98
73) Carbazole	17.74	167	748045	43.319	ng		100
74) Di-n-butylphthalate	18.30	149	900737	43.458	ng		99
75) Fluoranthene	19.39	202	1001535	44.635	ng		99
77) Benzidine	19.58	184	409501	38.718	ng		99
78) Pyrene	19.75	202	990890	46.160	ng		99
80) Butylbenzylphthalate	20.64	149	389239	42.009	ng		96
81) Benzo(a)anthracene	21.58	228	936969	44.664	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	219418	26.665	ng		99
83) Chrysene	21.64	228	898464	44.542	ng		100
84) Bis(2-ethylhexyl)phthalate	21.49	149	553993	43.495	ng		98
85) Di-n-octyl phthalate	22.68	149	938211	42.888	ng		99
86) Indeno(1,2,3-cd)pyrene	28.31	276	1180839	44.767	ng		99
88) Benzo(b)fluoranthene	23.75	252	996843	44.865	ng		100
89) Benzo(k)fluoranthene	23.81	252	1011305m	48.448	ng		
90) Benzo(a)pyrene	24.59	252	939890	45.421	ng		98
91) Dibenzo(a,h)anthracene	28.37	278	957290	46.036	ng		98
92) Benzo(g,h,i)perylene	29.43	276	946796	45.526	ng		98

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

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