Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050620\
Data File : BG045263.D
Acq On : 6 May 2020 21:39
Operator : CG/JU
Sample : L2491-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6FT-TP-9MSD

Manual Integrations APPROVED
Sohil
5/8/2020 5:20:46 PM

Quant Time: May 07 01:38:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 06 12:59:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	65619	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	256297	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	186165	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	427545	20.00	ng		0.00
76) Chrysene-d12	21.65	240	369953	20.00	ng		0.00
87) Perylene-d12	24.82	264	404482	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	387453	97.48	ng		0.00
7) Phenol-d6	7.15	99	547535	92.72	ng		0.00
23) Nitrobenzene-d5	9.14	82	358277	63.78	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	274313	95.38	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	854604	67.31	ng		0.00
79) Terphenyl-d14	19.99	244	1372954	80.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	59534	33.704	ng		99
3) Pyridine	3.83	79	133827	24.607	ng		94
4) n-Nitrosodimethylamine	3.75	42	60740	36.457	ng		96
6) Aniline	7.31	93	121516	15.826	ng		98
8) 2-Chlorophenol	7.55	128	171797	40.218	ng		99
9) Benzaldehyde	7.11	77	134611	40.635	ng		97
10) Phenol	7.18	94	230112	38.940	ng		97
11) bis(2-Chloroethyl)ether	7.40	93	158325	33.651	ng		95
12) 1,3-Dichlorobenzene	7.87	146	182711	36.298	ng		97
13) 1,4-Dichlorobenzene	8.02	146	184697	36.824	ng		97
14) 1,2-Dichlorobenzene	8.34	146	173093	36.073	ng		93
15) Benzyl Alcohol	8.22	79	169786	34.293	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.51	45	147266	31.887	ng		94
17) 2-Methylphenol	8.43	107	154903	33.975	ng		96
18) Hexachloroethane	9.07	117	70810	37.554	ng		97
19) n-Nitroso-di-n-propylamine	8.79	70	138253	33.105	ng		97
20) 3+4-Methylphenols	8.76	107	212481	33.295	ng		97
22) Acetophenone	8.80	105	256614	37.024	ng		97
24) Nitrobenzene	9.19	77	209832	36.444	ng	#	91
25) Isophorone	9.71	82	392395	34.113	ng		99
26) 2-Nitrophenol	9.90	139	98482	39.709	ng		95
27) 2,4-Dimethylphenol	9.96	122	160065	40.675	ng		96
28) bis(2-Chloroethoxy)methane	10.20	93	216921	35.892	ng		96
29) 2,4-Dichlorophenol	10.44	162	177647	39.096	ng		98
30) 1,2,4-Trichlorobenzene	10.65	180	197826	38.453	ng		99
31) Naphthalene	10.84	128	532934	38.011	ng		99
32) Benzoic acid	10.11	122	99527	33.524	ng		93
33) 4-Chloroaniline	10.95	127	62406	9.544	ng		97
34) Hexachlorobutadiene	11.14	225	133714	37.909	ng		97
35) Caprolactam	11.71	113	61527m	34.022	ng		
36) 4-Chloro-3-methylphenol	12.08	107	202454	37.928	ng		98
37) 2-Methylnaphthalene	12.45	142	405527	37.264	ng		95
38) 1-Methylnaphthalene	12.67	142	391633	38.120	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	233150	38.897	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	227297	60.672	ng		96
43) 2,4,6-Trichlorophenol	13.06	196	159721	37.756	ng		95
44) 2,4,5-Trichlorophenol	13.13	196	172392	35.801	ng		98
46) 1,1'-Biphenyl	13.46	154	525592	37.145	ng		99
47) 2-Chloronaphthalene	13.50	162	412078	38.113	ng		98
48) 2-Nitroaniline	13.70	65	127667	35.889	ng		99
49) Acenaphthylene	14.35	152	661343	37.553	ng		99
50) Dimethylphthalate	14.08	163	630360	41.585	ng		100
51) 2,6-Dinitrotoluene	14.19	165	118952	35.084	ng		92
52) Acenaphthene	14.69	154	475621m	39.916	ng		
53) 3-Nitroaniline	14.52	138	55405	14.899	ng	#	96
54) 2,4-Dinitrophenol	14.73	184	120598	59.818	ng		95
55) Dibenzofuran	15.03	168	638276	36.742	ng		97
56) 4-Nitrophenol	14.84	139	202148	70.111	ng		90
57) 2,4-Dinitrotoluene	14.98	165	167058	33.716	ng	#	96
58) Fluorene	15.68	166	525301	37.020	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	163430	38.144	ng	#	98
60) Diethylphthalate	15.45	149	551731	34.911	ng		97
61) 4-Chlorophenyl-phenylether	15.67	204	292343	35.794	ng		97
62) 4-Nitroaniline	15.69	138	96521	25.026	ng		93
63) Azobenzene	15.96	77	534855	36.707	ng		97
65) 4,6-Dinitro-2-methylphenol	15.75	198	95535	33.995	ng		97
66) n-Nitrosodiphenylamine	15.88	169	469365	38.209	ng		99
67) 4-Bromophenyl-phenylether	16.56	248	198428	35.975	ng		98
68) Hexachlorobenzene	16.69	284	218818	38.252	ng		98
69) Atrazine	16.83	200	177548	38.989	ng		98
70) Pentachlorophenol	17.03	266	252950	72.081	ng		97
71) Phenanthrene	17.42	178	841924	38.321	ng		99
72) Anthracene	17.51	178	871062	39.524	ng		100
73) Carbazole	17.77	167	791456	35.388	ng		97
74) Di-n-butylphthalate	18.34	149	942597	37.738	ng		99
75) Fluoranthene	19.43	202	997553	37.617	ng		98
77) Benzidine	19.61	184	466927	43.358	ng		97
78) Pyrene	19.79	202	1003743	39.355	ng		97
80) Butylbenzylphthalate	20.68	149	396611	37.515	ng		99
81) Benzo(a)anthracene	21.62	228	931223	38.836	ng		98
82) 3,3'-Dichlorobenzidine	21.54	252	250923	26.292	ng	#	97
83) Chrysene	21.69	228	897775	38.968	ng		98
84) Bis(2-ethylhexyl)phthalate	21.54	149	548913	37.752	ng		96
85) Di-n-octyl phthalate	22.74	149	929582	36.971	ng		99
86) Indeno(1,2,3-cd)pyrene	28.42	276	1149781	37.589	ng	#	94
88) Benzo(b)fluoranthene	23.81	252	979764	38.670	ng		99
89) Benzo(k)fluoranthene	23.88	252	928849	38.549	ng		98
90) Benzo(a)pyrene	24.67	252	882343	36.885	ng	#	98
91) Dibenzo(a,h)anthracene	28.48	278	933275	38.718	ng		98
92) Benzo(g,h,i)perylene	29.55	276	960015	39.725	ng		97

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

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