Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
Data File : BG045706.D
Acq On : 11 Jun 2020 3:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
6/11/2020 1:48:14 PM

Quant Time: Jun 11 04:12:33 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	59764	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	242842	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	163818	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	369404	20.00	ng		0.00
76) Chrysene-d12	21.60	240	342133	20.00	ng		0.00
87) Perylene-d12	24.74	264	377841	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	291356	95.27	ng		0.00
7) Phenol-d6	7.13	99	423341	97.26	ng		-0.01
23) Nitrobenzene-d5	9.11	82	414969	93.18	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	181939	86.84	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	930057	96.30	ng		0.00
79) Terphenyl-d14	19.95	244	1403588	95.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	67891	44.769	ng		99
3) Pyridine	3.80	79	190001	44.987	ng		98
4) n-Nitrosodimethylamine	3.72	42	66097	47.826	ng		98
6) Aniline	7.27	93	261813	46.079	ng		99
8) 2-Chlorophenol	7.52	128	158893	47.380	ng		99
9) Benzaldehyde	7.08	77	118940	41.942	ng		96
10) Phenol	7.16	94	217688	48.527	ng		97
11) bis(2-Chloroethyl)ether	7.37	93	165398	47.270	ng		99
12) 1,3-Dichlorobenzene	7.84	146	185657	46.068	ng		99
13) 1,4-Dichlorobenzene	7.98	146	189140	47.557	ng		97
14) 1,2-Dichlorobenzene	8.30	146	179101	46.822	ng		96
15) Benzyl Alcohol	8.19	79	174663	48.577	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	154088	46.393	ng		98
17) 2-Methylphenol	8.41	107	160395	47.770	ng		98
18) Hexachloroethane	9.03	117	71949	47.235	ng		92
19) n-Nitroso-di-n-propylamine	8.75	70	138985	46.177	ng		93
20) 3+4-Methylphenols	8.74	107	218582	47.806	ng		96
22) Acetophenone	8.77	105	258556	44.922	ng	#	99
24) Nitrobenzene	9.15	77	224232	46.997	ng		95
25) Isophorone	9.68	82	395016	45.041	ng		99
26) 2-Nitrophenol	9.86	139	93230	45.678	ng		99
27) 2,4-Dimethylphenol	9.94	122	139390	46.046	ng		98
28) bis(2-Chloroethoxy)methane	10.16	93	216044	46.973	ng		96
29) 2,4-Dichlorophenol	10.42	162	169331	47.369	ng		98
30) 1,2,4-Trichlorobenzene	10.62	180	197017	46.642	ng		96
31) Naphthalene	10.80	128	519894	45.942	ng		99
32) Benzoic acid	10.11	122	58961	32.681	ng		94
33) 4-Chloroaniline	10.92	127	217755	46.035	ng		99
34) Hexachlorobutadiene	11.09	225	143175	47.951	ng		97
35) Caprolactam	11.69	113	52303	39.862	ng		85
36) 4-Chloro-3-methylphenol	12.06	107	185742	46.111	ng		93
37) 2-Methylnaphthalene	12.41	142	388672	46.081	ng		98
38) 1-Methylnaphthalene	12.63	142	365774m	45.909	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	218163	47.679	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	107330	40.640	ng		98
43) 2,4,6-Trichlorophenol	13.03	196	147329	46.351	ng		96
44) 2,4,5-Trichlorophenol	13.11	196	158924	43.753	ng		99
46) 1,1'-Biphenyl	13.42	154	477371	47.425	ng		99
47) 2-Chloronaphthalene	13.47	162	386086	47.234	ng		97
48) 2-Nitroaniline	13.67	65	126226	46.946	ng		94
49) Acenaphthylene	14.31	152	607206	46.248	ng		99
50) Dimethylphthalate	14.05	163	504111	44.859	ng		98
51) 2,6-Dinitrotoluene	14.16	165	112778	44.474	ng		98
52) Acenaphthene	14.66	154	408341m	46.463	ng		
53) 3-Nitroaniline	14.50	138	112038	43.463	ng		99
54) 2,4-Dinitrophenol	14.71	184	56013	36.878	ng		98
55) Dibenzofuran	14.99	168	596775	45.726	ng		95
56) 4-Nitrophenol	14.84	139	71228	36.497	ng		85
57) 2,4-Dinitrotoluene	14.96	165	162413	44.224	ng		99
58) Fluorene	15.64	166	491374	45.828	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.23	232	135876	42.520	ng		99
60) Diethylphthalate	15.41	149	509047	43.521	ng		99
61) 4-Chlorophenyl-phenylether	15.63	204	284690	46.400	ng		99
62) 4-Nitroaniline	15.66	138	114243	42.452	ng		97
63) Azobenzene	15.93	77	491635	45.077	ng		97
65) 4,6-Dinitro-2-methylphenol	15.73	198	96844	45.014	ng		98
66) n-Nitrosodiphenylamine	15.84	169	419045	47.246	ng		96
67) 4-Bromophenyl-phenylether	16.53	248	194754	48.688	ng		99
68) Hexachlorobenzene	16.66	284	201734	48.219	ng		98
69) Atrazine	16.80	200	149017	40.791	ng		98
70) Pentachlorophenol	17.00	266	82773	38.103	ng		96
71) Phenanthrene	17.38	178	748369	46.406	ng		99
72) Anthracene	17.47	178	758243	46.820	ng		98
73) Carbazole	17.75	167	712035	45.105	ng		98
74) Di-n-butylphthalate	18.30	149	839631	44.314	ng		99
75) Fluoranthene	19.39	202	919251	44.815	ng		100
77) Benzidine	19.57	184	387860	40.364	ng		98
78) Pyrene	19.75	202	903381	46.320	ng		100
80) Butylbenzylphthalate	20.64	149	385168	45.755	ng		97
81) Benzo(a)anthracene	21.58	228	897399	47.085	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	328927	43.997	ng		98
83) Chrysene	21.64	228	869759	47.460	ng		100
84) Bis(2-ethylhexyl)phthalate	21.49	149	547069	47.276	ng		100
85) Di-n-octyl phthalate	22.68	149	916559	46.117	ng		100
86) Indeno(1,2,3-cd)pyrene	28.30	276	1097520	45.798	ng	#	96
88) Benzo(b)fluoranthene	23.75	252	940549	46.415	ng		98
89) Benzo(k)fluoranthene	23.81	252	937142	49.225	ng		99
90) Benzo(a)pyrene	24.59	252	899295	47.651	ng		96
91) Dibenzo(a,h)anthracene	28.37	278	882929	46.556	ng		98
92) Benzo(g,h,i)perylene	29.41	276	886536	46.740	ng		98

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

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