Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050120\
Data File : BG045229.D
Acq On : 1 May 2020 23:38
Operator : CG/JU
Sample : L2122-15MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-03-043020MSD

Manual Integrations APPROVED
mohammad
5/4/2020 3:46:21 PM

Quant Time: May 02 05:40:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 01 11:17:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	62075	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	242407	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	185106	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	467269	20.00	ng	0.00
76) Chrysene-d12	21.65	240	451415	20.00	ng	0.00
87) Perylene-d12	24.82	264	502928	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	498322	132.53	ng	0.00
7) Phenol-d6	7.16	99	622957	111.51	ng	0.00
23) Nitrobenzene-d5	9.15	82	498061	93.75	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	423797	148.20	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1181719	93.61	ng	0.00
79) Terphenyl-d14	19.99	244	2163155	104.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	74847	44.792	ng	# 45
3) Pyridine	3.86	79	101137	19.658	ng	95
4) n-Nitrosodimethylamine	3.76	42	75038	47.610	ng	89
6) Aniline	7.31	93	193370	26.623	ng	99
8) 2-Chlorophenol	7.56	128	195481	48.375	ng	94
9) Benzaldehyde	7.12	77	153363	53.253	ng	97
10) Phenol	7.19	94	223295	39.944	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	190466	42.794	ng	99
12) 1,3-Dichlorobenzene	7.88	146	199189	41.831	ng	99
13) 1,4-Dichlorobenzene	8.03	146	203248	42.836	ng	98
14) 1,2-Dichlorobenzene	8.35	146	190526	41.973	ng	95
15) Benzyl Alcohol	8.23	79	204769	43.719	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.53	45	176113	40.310	ng	97
17) 2-Methylphenol	8.44	107	176032	40.813	ng	96
18) Hexachloroethane	9.08	117	76852	43.086	ng	97
19) n-Nitroso-di-n-propylamine	8.80	70	170214	43.085	ng	93
20) 3+4-Methylphenols	8.77	107	239738	39.711	ng	97
22) Acetophenone	8.81	105	317504	48.435	ng	# 98
24) Nitrobenzene	9.19	77	257774	47.336	ng	94
25) Isophorone	9.72	82	493995	45.406	ng	97
26) 2-Nitrophenol	9.91	139	115811	49.372	ng	92
27) 2,4-Dimethylphenol	9.97	122	191482	51.447	ng	97
28) bis(2-Chloroethoxy)methane	10.20	93	266016	46.537	ng	99
29) 2,4-Dichlorophenol	10.45	162	217013	50.496	ng	97
30) 1,2,4-Trichlorobenzene	10.66	180	226597	46.569	ng	97
31) Naphthalene	10.85	128	624933	47.126	ng	99
32) Benzoic acid	10.12	122	116854	40.077	ng	91
33) 4-Chloroaniline	10.95	127	69665	11.265	ng	96
34) Hexachlorobutadiene	11.15	225	150462	45.101	ng	97
35) Caprolactam	11.72	113	53539m	31.301	ng	
36) 4-Chloro-3-methylphenol	12.08	107	251612	49.838	ng	98
37) 2-Methylnaphthalene	12.46	142	485369	47.156	ng	97
38) 1-Methylnaphthalene	12.68	142	471988	48.574	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	278635	46.751	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	381161	102.324	ng		98
43) 2,4,6-Trichlorophenol	13.06	196	202969	48.254	ng		97
44) 2,4,5-Trichlorophenol	13.14	196	223448	46.670	ng		99
46) 1,1'-Biphenyl	13.46	154	652973	46.411	ng		98
47) 2-Chloronaphthalene	13.51	162	495059	46.050	ng		97
48) 2-Nitroaniline	13.70	65	162187	45.853	ng		97
49) Acenaphthylene	14.36	152	838695	47.896	ng		99
50) Dimethylphthalate	14.09	163	763783	50.675	ng		98
51) 2,6-Dinitrotoluene	14.20	165	162628	48.240	ng		94
52) Acenaphthene	14.70	154	651453m	54.985	ng		
53) 3-Nitroaniline	14.53	138	93011	25.156	ng	#	91
54) 2,4-Dinitrophenol	14.74	184	204408	101.968	ng	#	86
55) Dibenzofuran	15.03	168	822132	47.596	ng		97
56) 4-Nitrophenol	14.85	139	234397	81.761	ng		94
57) 2,4-Dinitrotoluene	14.99	165	233944	47.485	ng		98
58) Fluorene	15.68	166	701779	49.740	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	222246	52.168	ng		99
60) Diethylphthalate	15.45	149	750198	47.740	ng		100
61) 4-Chlorophenyl-phenylether	15.67	204	391918	48.260	ng		99
62) 4-Nitroaniline	15.70	138	158700	41.382	ng		93
63) Azobenzene	15.97	77	715292	49.371	ng		98
65) 4,6-Dinitro-2-methylphenol	15.76	198	156273	50.880	ng		98
66) n-Nitrosodiphenylamine	15.89	169	632917	47.143	ng		99
67) 4-Bromophenyl-phenylether	16.57	248	277049	45.959	ng		97
68) Hexachlorobenzene	16.69	284	298448	47.737	ng		97
69) Atrazine	16.84	200	218358	44.544	ng		99
70) Pentachlorophenol	17.03	266	381479	99.465	ng		96
71) Phenanthrene	17.42	178	1151453	47.954	ng		99
72) Anthracene	17.52	178	1192079	49.492	ng		99
73) Carbazole	17.78	167	1093214	44.725	ng		98
74) Di-n-butylphthalate	18.34	149	1314907	50.108	ng		99
75) Fluoranthene	19.43	202	1468954	53.168	ng		98
77) Benzidine	19.62	184	179021m	8.917	ng		
78) Pyrene	19.80	202	1453712	46.712	ng		99
80) Butylbenzylphthalate	20.68	149	597133	46.290	ng		98
81) Benzo(a)anthracene	21.63	228	1417538	48.449	ng		99
82) 3,3'-Dichlorobenzidine	21.54	252	359714	30.889	ng		99
83) Chrysene	21.69	228	1357891	48.303	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	844053	47.574	ng		99
85) Di-n-octyl phthalate	22.74	149	1441990	47.001	ng		100
86) Indeno(1,2,3-cd)pyrene	28.43	276	1863506	49.929	ng		98
88) Benzo(b)fluoranthene	23.82	252	1567077	49.743	ng		99
89) Benzo(k)fluoranthene	23.89	252	1476472	49.282	ng		99
90) Benzo(a)pyrene	24.68	252	1427459	47.992	ng		97
91) Dibenzo(a,h)anthracene	28.50	278	1516457	50.597	ng		96
92) Benzo(g,h,i)perylene	29.56	276	1537612	51.172	ng		98

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

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