Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050120\
Data File : BG045222.D
Acq On : 1 May 2020 18:57
Operator : CG/JU
Sample : L2122-15MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-03-043020MSD

Manual Integrations APPROVED
mohammad
5/4/2020 3:46:18 PM

Quant Time: May 01 19:35:53 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	67146	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	264409	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	205426	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	499164	20.00	ng	0.00
76) Chrysene-d12	21.65	240	474383	20.00	ng	0.00
87) Perylene-d12	24.82	264	523754	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	354937	87.27	ng	0.00
7) Phenol-d6	7.15	99	461578	76.39	ng	0.00
23) Nitrobenzene-d5	9.15	82	350386	60.47	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	297729	93.82	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	870862	62.16	ng	0.00
79) Terphenyl-d14	20.00	244	1578341	72.52	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	50729	28.066	ng	# 55
3) Pyridine	3.87	79	19790	3.556	ng	# 88
4) n-Nitrosodimethylamine	3.76	42	48681	28.555	ng	# 94
6) Aniline	7.31	93	82350	10.481	ng	97
8) 2-Chlorophenol	7.56	128	139590	31.935	ng	98
9) Benzaldehyde	7.12	77	131154	37.925	ng	99
10) Phenol	7.18	94	165952	27.444	ng	100
11) bis(2-Chloroethyl)ether	7.41	93	135509	28.147	ng	95
12) 1,3-Dichlorobenzene	7.88	146	140983	27.372	ng	99
13) 1,4-Dichlorobenzene	8.02	146	144832	28.219	ng	98
14) 1,2-Dichlorobenzene	8.35	146	137531	28.010	ng	97
15) Benzyl Alcohol	8.22	79	137541	27.148	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	122256	25.869	ng	95
17) 2-Methylphenol	8.44	107	125666	26.936	ng	97
18) Hexachloroethane	9.08	117	54660	28.330	ng	94
19) n-Nitroso-di-n-propylamine	8.79	70	122735	28.720	ng	97
20) 3+4-Methylphenols	8.76	107	170681	26.137	ng	96
22) Acetophenone	8.81	105	227666	31.840	ng	# 97
24) Nitrobenzene	9.19	77	178262	30.011	ng	94
25) Isophorone	9.72	82	352063	29.668	ng	99
26) 2-Nitrophenol	9.90	139	81652	31.913	ng	98
27) 2,4-Dimethylphenol	9.97	122	134718	33.184	ng	94
28) bis(2-Chloroethoxy)methane	10.20	93	190275	30.517	ng	99
29) 2,4-Dichlorophenol	10.45	162	152301	32.489	ng	95
30) 1,2,4-Trichlorobenzene	10.66	180	161829	30.491	ng	99
31) Naphthalene	10.85	128	442594	30.599	ng	99
32) Benzoic acid	10.10	122	81131	27.827	ng	95
33) 4-Chloroaniline	10.96	127	45835	6.795	ng	96
34) Hexachlorobutadiene	11.14	225	109795	30.173	ng	98
35) Caprolactam	11.71	113	43397m	23.261	ng	
36) 4-Chloro-3-methylphenol	12.08	107	177570	32.245	ng	98
37) 2-Methylnaphthalene	12.46	142	349924	31.168	ng	99
38) 1-Methylnaphthalene	12.68	142	335104	31.617	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	196908	29.771	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	255053	61.697	ng		96
43) 2,4,6-Trichlorophenol	13.06	196	145309	31.128	ng		92
44) 2,4,5-Trichlorophenol	13.14	196	157919	29.721	ng		98
46) 1,1'-Biphenyl	13.46	154	466575	29.882	ng		98
47) 2-Chloronaphthalene	13.50	162	355170	29.770	ng		99
48) 2-Nitroaniline	13.70	65	116657	29.719	ng		98
49) Acenaphthylene	14.35	152	606929	31.232	ng		99
50) Dimethylphthalate	14.09	163	558820	33.409	ng		98
51) 2,6-Dinitrotoluene	14.20	165	115686	30.921	ng		97
52) Acenaphthene	14.70	154	443445m	33.726	ng		
53) 3-Nitroaniline	14.53	138	58202	14.184	ng	#	99
54) 2,4-Dinitrophenol	14.73	184	128452	57.739	ng	#	92
55) Dibenzofuran	15.03	168	590560	30.808	ng		99
56) 4-Nitrophenol	14.84	139	168114	52.840	ng		98
57) 2,4-Dinitrotoluene	14.99	165	163055	29.823	ng	#	97
58) Fluorene	15.68	166	495130	31.622	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	157576	33.330	ng		99
60) Diethylphthalate	15.45	149	531533	30.479	ng		100
61) 4-Chlorophenyl-phenylether	15.67	204	274187	30.423	ng		97
62) 4-Nitroaniline	15.69	138	111358	26.165	ng		93
63) Azobenzene	15.97	77	503740	31.330	ng		97
65) 4,6-Dinitro-2-methylphenol	15.75	198	102674	31.293	ng		99
66) n-Nitrosodiphenylamine	15.88	169	445194	31.041	ng		100
67) 4-Bromophenyl-phenylether	16.57	248	193200	30.002	ng		95
68) Hexachlorobenzene	16.69	284	209037	31.299	ng		98
69) Atrazine	16.84	200	170932	31.213	ng		99
70) Pentachlorophenol	17.04	266	250618	61.170	ng		99
71) Phenanthrene	17.42	178	814784	31.765	ng		99
72) Anthracene	17.51	178	837901	32.565	ng		99
73) Carbazole	17.78	167	765528	29.318	ng		97
74) Di-n-butylphthalate	18.35	149	928935	30.761	ng		99
75) Fluoranthene	19.43	202	1029103	32.407	ng		97
78) Pyrene	19.79	202	1022521	31.266	ng		98
80) Butylbenzylphthalate	20.68	149	408697	30.148	ng		98
81) Benzo(a)anthracene	21.63	228	977856	31.804	ng		98
82) 3,3'-Dichlorobenzidine	21.54	252	253910	20.748	ng		98
83) Chrysene	21.69	228	923969	31.276	ng		98
84) Bis(2-ethylhexyl)phthalate	21.54	149	575026	30.842	ng		98
85) Di-n-octyl phthalate	22.75	149	984682	30.541	ng		99
86) Indeno(1,2,3-cd)pyrene	28.43	276	1233983	31.461	ng		98
88) Benzo(b)fluoranthene	23.81	252	1034846m	31.543	ng		
89) Benzo(k)fluoranthene	23.89	252	1020569	32.710	ng		100
90) Benzo(a)pyrene	24.67	252	962501	31.073	ng	#	97
91) Dibenzo(a,h)anthracene	28.49	278	1004287	32.176	ng		97
92) Benzo(g,h,i)perylene	29.55	276	1027723	32.843	ng		98

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

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