Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050120\
Data File : BG045221.D
Acq On : 1 May 2020 18:17
Operator : CG/JU
Sample : L2122-15MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-03-043020MS

Manual Integrations APPROVED
mohammad
5/4/2020 3:46:16 PM

Quant Time: May 01 18:54:13 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	61656	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	248880	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	184976	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	472310	20.00	ng		0.00
76) Chrysene-d12	21.65	240	444518	20.00	ng		0.00
87) Perylene-d12	24.82	264	502994	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	507233	135.82	ng		0.00
7) Phenol-d6	7.16	99	640852	115.50	ng		0.00
23) Nitrobenzene-d5	9.15	82	508941	93.31	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	429090	150.16	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1212662	96.13	ng		0.00
79) Terphenyl-d14	19.99	244	2147034	105.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	73468	44.266	ng	#	46
3) Pyridine	3.86	79	96442	18.873	ng		99
4) n-Nitrosodimethylamine	3.76	42	73411	46.894	ng		99
6) Aniline	7.31	93	193979	26.888	ng		98
8) 2-Chlorophenol	7.56	128	202831	50.535	ng		98
9) Benzaldehyde	7.12	77	162119	58.597	ng		87
10) Phenol	7.19	94	227956	41.055	ng		99
11) bis(2-Chloroethyl)ether	7.40	93	194810	44.067	ng		99
12) 1,3-Dichlorobenzene	7.88	146	201068	42.513	ng		97
13) 1,4-Dichlorobenzene	8.03	146	203138	43.104	ng		99
14) 1,2-Dichlorobenzene	8.34	146	193538	42.926	ng		97
15) Benzyl Alcohol	8.23	79	208494	44.817	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	181412	41.805	ng		97
17) 2-Methylphenol	8.44	107	178422	41.649	ng		94
18) Hexachloroethane	9.08	117	77346	43.657	ng		95
19) n-Nitroso-di-n-propylamine	8.80	70	170729	43.509	ng		96
20) 3+4-Methylphenols	8.77	107	246923	41.179	ng		98
22) Acetophenone	8.81	105	323011	47.993	ng	#	96
24) Nitrobenzene	9.19	77	263730	47.170	ng		92
25) Isophorone	9.72	82	502866	45.020	ng		98
26) 2-Nitrophenol	9.91	139	118841	49.346	ng		98
27) 2,4-Dimethylphenol	9.97	122	197157	51.594	ng		90
28) bis(2-Chloroethoxy)methane	10.20	93	270421	46.077	ng		97
29) 2,4-Dichlorophenol	10.45	162	220639	50.004	ng		97
30) 1,2,4-Trichlorobenzene	10.67	180	227611	45.561	ng		97
31) Naphthalene	10.85	128	636017	46.715	ng		99
32) Benzoic acid	10.12	122	121290	40.447	ng		91
33) 4-Chloroaniline	10.95	127	93036	14.652	ng		98
34) Hexachlorobutadiene	11.15	225	155772	45.478	ng		98
35) Caprolactam	11.72	113	57453m	32.716	ng		
36) 4-Chloro-3-methylphenol	12.09	107	252638	48.740	ng		92
37) 2-Methylnaphthalene	12.46	142	500936	47.403	ng		96
38) 1-Methylnaphthalene	12.67	142	478783	47.992	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	282653	47.459	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	382638	102.793	ng		98
43) 2,4,6-Trichlorophenol	13.07	196	208619	49.632	ng		95
44) 2,4,5-Trichlorophenol	13.14	196	227648	47.580	ng		99
46) 1,1'-Biphenyl	13.47	154	664521	47.265	ng		98
47) 2-Chloronaphthalene	13.51	162	498670	46.419	ng		100
48) 2-Nitroaniline	13.70	65	168558	47.688	ng		99
49) Acenaphthylene	14.35	152	859165	49.099	ng		100
50) Dimethylphthalate	14.09	163	776465	51.553	ng		98
51) 2,6-Dinitrotoluene	14.20	165	166292	49.362	ng		99
52) Acenaphthene	14.70	154	657125m	55.503	ng		
53) 3-Nitroaniline	14.53	138	107839	29.186	ng		93
54) 2,4-Dinitrophenol	14.74	184	219867	109.757	ng		94
55) Dibenzofuran	15.04	168	837755	48.534	ng		98
56) 4-Nitrophenol	14.85	139	236129	82.423	ng		93
57) 2,4-Dinitrotoluene	14.99	165	234625	47.657	ng		99
58) Fluorene	15.68	166	707746	50.198	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	223084	52.402	ng		98
60) Diethylphthalate	15.45	149	741546	47.223	ng		98
61) 4-Chlorophenyl-phenylether	15.68	204	394566	48.620	ng		98
62) 4-Nitroaniline	15.70	138	164506	42.926	ng		88
63) Azobenzene	15.97	77	718461	49.625	ng		98
65) 4,6-Dinitro-2-methylphenol	15.76	198	158820	51.158	ng		97
66) n-Nitrosodiphenylamine	15.89	169	641883	47.300	ng		99
67) 4-Bromophenyl-phenylether	16.57	248	278010	45.626	ng		97
68) Hexachlorobenzene	16.69	284	300445	47.544	ng		99
69) Atrazine	16.84	200	241592	49.263	ng		97
70) Pentachlorophenol	17.03	266	382767	98.736	ng		98
71) Phenanthrene	17.43	178	1168291	48.136	ng		100
72) Anthracene	17.51	178	1206638	49.562	ng		100
73) Carbazole	17.78	167	1097822	44.434	ng		98
74) Di-n-butylphthalate	18.35	149	1318954	49.672	ng		99
75) Fluoranthene	19.44	202	1474535	52.751	ng		98
77) Benzidine	19.62	184	193483	10.456	ng		99
78) Pyrene	19.79	202	1459243	47.617	ng		100
80) Butylbenzylphthalate	20.68	149	602051	47.395	ng		98
81) Benzo(a)anthracene	21.63	228	1418311	49.228	ng		98
82) 3,3'-Dichlorobenzidine	21.54	252	447334	39.009	ng		98
83) Chrysene	21.69	228	1362548	49.221	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	844515	48.339	ng		100
85) Di-n-octyl phthalate	22.74	149	1448740	47.953	ng		99
86) Indeno(1,2,3-cd)pyrene	28.44	276	1863718	50.709	ng	#	97
88) Benzo(b)fluoranthene	23.82	252	1540671	48.899	ng		99
89) Benzo(k)fluoranthene	23.89	252	1502656	50.150	ng		98
90) Benzo(a)pyrene	24.68	252	1423990	47.869	ng		99
91) Dibenzo(a,h)anthracene	28.50	278	1490900	49.738	ng		96
92) Benzo(g,h,i)perylene	29.56	276	1545859	51.440	ng		99

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

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