Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043409.D
Acq On : 30 Oct 2019 20:33
Operator : JU
Sample : K5501-13MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
184-40-(0-2)MS

Manual Integrations APPROVED
mohammad
10/31/2019 2:52:00 PM

Quant Time: Oct 31 05:50:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	43127	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	167755	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	118191	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	275996	20.00	ng		0.00
76) Chrysene-d12	21.66	240	304729	20.00	ng		0.00
87) Perylene-d12	24.85	264	356298	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	219777	93.38	ng		0.00
7) Phenol-d6	7.21	99	316845	93.57	ng		0.00
23) Nitrobenzene-d5	9.19	82	188798	58.02	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	194421	86.44	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	520237	60.82	ng		0.00
79) Terphenyl-d14	20.00	244	970060	59.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	30514	33.271	ng		96
3) Pyridine	3.89	79	74663	32.272	ng		96
4) n-Nitrosodimethylamine	3.81	42	44099	37.774	ng		99
6) Aniline	7.35	93	87039	22.314	ng		99
8) 2-Chlorophenol	7.59	128	104937	40.391	ng		97
9) Benzaldehyde	7.16	77	56536	33.974	ng		93
10) Phenol	7.24	94	141464	45.718	ng		98
11) bis(2-Chloroethyl)ether	7.44	93	89126	37.255	ng		99
12) 1,3-Dichlorobenzene	7.91	146	113704	34.931	ng		98
13) 1,4-Dichlorobenzene	8.05	146	118270	35.912	ng		97
14) 1,2-Dichlorobenzene	8.38	146	114585	35.634	ng		97
15) Benzyl Alcohol	8.26	79	92895	39.063	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	120926	34.763	ng		97
17) 2-Methylphenol	8.48	107	88587	39.272	ng		96
18) Hexachloroethane	9.10	117	41579	34.993	ng		95
19) n-Nitroso-di-n-propylamine	8.82	70	76470	34.949	ng		98
20) 3+4-Methylphenols	8.81	107	123024	39.773	ng		93
22) Acetophenone	8.85	105	155928	36.296	ng	#	97
24) Nitrobenzene	9.23	77	116456	37.570	ng		94
25) Isophorone	9.75	82	220743	37.105	ng		99
26) 2-Nitrophenol	9.94	139	60034	40.116	ng		94
27) 2,4-Dimethylphenol	10.00	122	92157	42.966	ng		97
28) bis(2-Chloroethoxy)methane	10.23	93	119845	36.500	ng		96
29) 2,4-Dichlorophenol	10.49	162	114335	41.604	ng		96
30) 1,2,4-Trichlorobenzene	10.69	180	127490	36.807	ng		98
31) Naphthalene	10.87	128	330818	38.850	ng		99
32) Benzoic acid	10.18	122	53745	35.679	ng		88
33) 4-Chloroaniline	11.00	127	42616	12.209	ng		98
34) Hexachlorobutadiene	11.16	225	90344	35.284	ng		97
35) Caprolactam	11.76	113	35844m	37.871	ng		
36) 4-Chloro-3-methylphenol	12.12	107	121233	40.442	ng		96
37) 2-Methylnaphthalene	12.48	142	257735	39.448	ng		97
38) 1-Methylnaphthalene	12.69	142	240681	38.717	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	164762	37.668	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	187553	81.625	ng		96
43) 2,4,6-Trichlorophenol	13.09	196	104734	40.659	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	114787	44.077	ng		98
46) 1,1'-Biphenyl	13.48	154	341932	38.029	ng		97
47) 2-Chloronaphthalene	13.53	162	267338	39.077	ng		99
48) 2-Nitroaniline	13.73	65	78493	38.388	ng		96
49) Acenaphthylene	14.37	152	428491	40.244	ng		97
50) Dimethylphthalate	14.10	163	417656	45.622	ng		99
51) 2,6-Dinitrotoluene	14.22	165	79046	39.745	ng		98
52) Acenaphthene	14.72	154	255449	39.341	ng		98
53) 3-Nitroaniline	14.56	138	41073	21.390	ng		87
54) 2,4-Dinitrophenol	14.76	184	87967	71.665	ng		95
55) Dibenzofuran	15.04	168	422418	40.117	ng		99
56) 4-Nitrophenol	14.89	139	118593	92.163	ng		95
57) 2,4-Dinitrotoluene	15.01	165	111234	39.135	ng		98
58) Fluorene	15.70	166	347897	39.393	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.28	232	115778	41.844	ng	#	98
60) Diethylphthalate	15.46	149	345730	37.585	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	199127	38.650	ng		96
62) 4-Nitroaniline	15.73	138	70716	35.660	ng		92
63) Azobenzene	15.98	77	289536	38.892	ng		98
65) 4,6-Dinitro-2-methylphenol	15.77	198	70445	43.371	ng		98
66) n-Nitrosodiphenylamine	15.90	169	309485	39.718	ng		99
67) 4-Bromophenyl-phenylether	16.58	248	142204	38.286	ng		96
68) Hexachlorobenzene	16.70	284	157894	37.034	ng		96
69) Atrazine	16.85	200	133778	49.409	ng		95
70) Pentachlorophenol	17.05	266	170603	87.816	ng		93
71) Phenanthrene	17.44	178	553931	39.194	ng		100
72) Anthracene	17.53	178	563953	39.882	ng		99
73) Carbazole	17.80	167	501843	39.191	ng		100
74) Di-n-butylphthalate	18.35	149	602267	38.763	ng		99
75) Fluoranthene	19.45	202	727963	39.509	ng		100
77) Benzidine	19.63	184	180670	29.460	ng		99
78) Pyrene	19.80	202	739918	39.227	ng		99
80) Butylbenzylphthalate	20.69	149	276264	38.659	ng		99
81) Benzo(a)anthracene	21.64	228	764091	40.030	ng		99
82) 3,3'-Dichlorobenzidine	21.55	252	189651	25.688	ng		97
83) Chrysene	21.71	228	755944	39.859	ng		100
84) Bis(2-ethylhexyl)phthalate	21.54	149	402767	39.677	ng		99
85) Di-n-octyl phthalate	22.74	149	703785	40.865	ng		100
86) Indeno(1,2,3-cd)pyrene	28.49	276	975046	40.957	ng	#	96
88) Benzo(b)fluoranthene	23.85	252	813655	40.321	ng		99
89) Benzo(k)fluoranthene	23.91	252	805007	39.626	ng		99
90) Benzo(a)pyrene	24.70	252	751985	39.024	ng		98
91) Dibenzo(a,h)anthracene	28.55	278	827391	41.977	ng		99
92) Benzo(g,h,i)perylene	29.64	276	829756	42.678	ng		97

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

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