Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
Data File : BG043544.D
Acq On : 7 Nov 2019 18:12
Operator : JU
Sample : K5710-11MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP- 32-DMS

Quant Time: Nov 08 04:16:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	32663	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	125035	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	85795	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	206612	20.00	ng		0.00
76) Chrysene-d12	21.65	240	220174	20.00	ng		0.00
87) Perylene-d12	24.84	264	254123	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	218768	122.73	ng		0.02
7) Phenol-d6	7.22	99	307830	120.03	ng		0.02
23) Nitrobenzene-d5	9.17	82	182129	75.10	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	183877	112.62	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	462447	74.48	ng		0.00
79) Terphenyl-d14	19.99	244	861128	73.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	24424	35.162	ng	#	91
3) Pyridine	3.87	79	63286	36.118	ng		97
4) n-Nitrosodimethylamine	3.79	42	37841	42.798	ng		92
6) Aniline	7.34	93	61685	20.880	ng		96
8) 2-Chlorophenol	7.59	128	87454	44.446	ng		99
9) Benzaldehyde	7.15	77	44232	35.095	ng		95
10) Phenol	7.24	94	115036	49.088	ng		98
11) bis(2-Chloroethyl)ether	7.43	93	69614	38.421	ng		98
12) 1,3-Dichlorobenzene	7.89	146	95614	38.784	ng		96
13) 1,4-Dichlorobenzene	8.04	146	99366	39.837	ng		98
14) 1,2-Dichlorobenzene	8.36	146	94244	38.698	ng		98
15) Benzyl Alcohol	8.26	79	76237	42.328	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	96756	36.726	ng		97
17) 2-Methylphenol	8.48	107	73396	42.962	ng		96
18) Hexachloroethane	9.09	117	34677	38.534	ng		97
19) n-Nitroso-di-n-propylamine	8.81	70	63480	38.306	ng		97
20) 3+4-Methylphenols	8.81	107	96108	41.025	ng	#	87
22) Acetophenone	8.83	105	125661	39.244	ng	#	93
24) Nitrobenzene	9.22	77	95610	41.383	ng	#	96
25) Isophorone	9.73	82	180169	40.633	ng		99
26) 2-Nitrophenol	9.93	139	49810	44.656	ng	#	94
27) 2,4-Dimethylphenol	10.00	122	79992	50.036	ng		95
28) bis(2-Chloroethoxy)methane	10.21	93	96836	39.569	ng		96
29) 2,4-Dichlorophenol	10.48	162	91168	44.508	ng		94
30) 1,2,4-Trichlorobenzene	10.67	180	101424	39.286	ng		98
31) Naphthalene	10.86	128	269608	42.480	ng		99
32) Benzoic acid	10.19	122	42505	37.305	ng		95
33) 4-Chloroaniline	10.99	127	32873	12.636	ng		95
34) Hexachlorobutadiene	11.15	225	72832	38.163	ng		95
35) Caprolactam	11.75	113	31070	44.042	ng		93
36) 4-Chloro-3-methylphenol	12.13	107	97341	43.566	ng		97
37) 2-Methylnaphthalene	12.47	142	201327	41.343	ng		99
38) 1-Methylnaphthalene	12.68	142	191114	41.247	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	127629	40.196	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	131235	78.682	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	82850	44.308	ng		99
44) 2,4,5-Trichlorophenol	13.18	196	88258	46.687	ng		94
46) 1,1'-Biphenyl	13.47	154	270845	41.497	ng		96
47) 2-Chloronaphthalene	13.52	162	207345	41.752	ng		98
48) 2-Nitroaniline	13.73	65	63035	42.469	ng		88
49) Acenaphthylene	14.36	152	340399	44.042	ng		99
50) Dimethylphthalate	14.09	163	323645	48.702	ng		99
51) 2,6-Dinitrotoluene	14.22	165	63768	44.170	ng		95
52) Acenaphthene	14.70	154	199171	42.257	ng		95
53) 3-Nitroaniline	14.56	138	25802	18.511	ng		94
54) 2,4-Dinitrophenol	14.76	184	65188	73.009	ng		94
55) Dibenzofuran	15.04	168	328972	43.039	ng		99
56) 4-Nitrophenol	14.91	139	87513	93.690	ng		96
57) 2,4-Dinitrotoluene	15.00	165	87326	42.325	ng	#	98
58) Fluorene	15.68	166	276306	43.100	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	88225	43.926	ng	#	67
60) Diethylphthalate	15.45	149	272244	40.772	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	152882	40.879	ng		94
62) 4-Nitroaniline	15.72	138	57561	39.986	ng		92
63) Azobenzene	15.97	77	230490	42.652	ng		97
65) 4,6-Dinitro-2-methylphenol	15.77	198	53838	44.278	ng		95
66) n-Nitrosodiphenylamine	15.90	169	246294	42.223	ng		99
67) 4-Bromophenyl-phenylether	16.57	248	111083	39.950	ng		95
68) Hexachlorobenzene	16.70	284	122662	38.432	ng		97
69) Atrazine	16.84	200	107832	53.200	ng		96
70) Pentachlorophenol	17.05	266	109440	75.251	ng		99
71) Phenanthrene	17.42	178	439370	41.528	ng		98
72) Anthracene	17.52	178	459134	43.374	ng		98
73) Carbazole	17.79	167	409599	42.729	ng		98
74) Di-n-butylphthalate	18.34	149	481926	41.434	ng		98
75) Fluoranthene	19.44	202	579695	42.028	ng		100
77) Benzidine	19.62	184	180602	40.758	ng		99
78) Pyrene	19.80	202	589951	43.288	ng		99
80) Butylbenzylphthalate	20.68	149	217971	42.215	ng		96
81) Benzo(a)anthracene	21.63	228	596066	43.220	ng		99
82) 3,3'-Dichlorobenzidine	21.55	252	104882	19.662	ng		98
83) Chrysene	21.70	228	582245	42.490	ng		99
84) Bis(2-ethylhexyl)phthalate	21.53	149	313035	42.680	ng		99
85) Di-n-octyl phthalate	22.73	149	527949	42.427	ng		99
86) Indeno(1,2,3-cd)pyrene	28.48	276	735478	42.759	ng	#	96
88) Benzo(b)fluoranthene	23.83	252	604703	42.015	ng		98
89) Benzo(k)fluoranthene	23.90	252	629294	43.432	ng		98
90) Benzo(a)pyrene	24.70	252	575119	41.845	ng		98
91) Dibenzo(a,h)anthracene	28.54	278	623590	44.358	ng		99
92) Benzo(g,h,i)perylene	29.63	276	618089	44.573	ng		98

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

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