Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
Data File : BG043609.D
Acq On : 12 Nov 2019 8:41
Operator : JU
Sample : K5762-04MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HP-640-XMSD

Manual Integrations APPROVED
mohammad
11/12/2019 5:04:23 PM

Quant Time: Nov 12 10:29:27 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	8.00	152	43303	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	165868	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	118142	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	252427	20.00	ng		-0.01
76) Chrysene-d12	21.64	240	225252	20.00	ng		-0.01
87) Perylene-d12	24.83	264	273070	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	150804	63.82	ng		0.01
7) Phenol-d6	7.21	99	148138	43.57	ng		0.01
23) Nitrobenzene-d5	9.17	82	263990	82.05	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	166493	74.05	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	692784	81.03	ng		0.00
79) Terphenyl-d14	19.99	244	999364	83.23	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	18577	20.173	ng	#	90
3) Pyridine	3.86	79	36947	15.905	ng		96
4) n-Nitrosodimethylamine	3.78	42	30963	26.414	ng	#	85
6) Aniline	7.33	93	17233	4.400	ng	#	74
8) 2-Chlorophenol	7.58	128	112553	43.147	ng		98
9) Benzaldehyde	7.14	77	66252	39.651	ng		95
10) Phenol	7.24	94	96696	31.123	ng		95
11) bis(2-Chloroethyl)ether	7.42	93	93993	39.130	ng		99
12) 1,3-Dichlorobenzene	7.89	146	111604	34.147	ng		97
13) 1,4-Dichlorobenzene	8.04	146	117543	35.546	ng		98
14) 1,2-Dichlorobenzene	8.35	146	112201	34.751	ng		93
15) Benzyl Alcohol	8.25	79	93077	38.980	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.52	45	126979	36.355	ng		98
17) 2-Methylphenol	8.48	107	90022	39.746	ng		98
18) Hexachloroethane	9.08	117	40905	34.286	ng		98
19) n-Nitroso-di-n-propylamine	8.81	70	84036	38.250	ng	#	96
20) 3+4-Methylphenols	8.81	107	115947	37.333	ng	#	87
22) Acetophenone	8.82	105	172584	40.630	ng	#	92
24) Nitrobenzene	9.21	77	165759	54.084	ng	#	98
25) Isophorone	9.73	82	238646	40.571	ng		99
26) 2-Nitrophenol	9.92	139	72655	49.102	ng		95
27) 2,4-Dimethylphenol	10.00	122	91704	43.241	ng		97
28) bis(2-Chloroethoxy)methane	10.21	93	127942	39.410	ng		99
29) 2,4-Dichlorophenol	10.48	162	128200	47.180	ng		95
30) 1,2,4-Trichlorobenzene	10.67	180	129844	37.913	ng		96
31) Naphthalene	10.86	128	348007	41.334	ng		98
32) Benzoic acid	10.17	122	35419	26.798	ng		97
33) 4-Chloroaniline	10.99	127	14316	4.148	ng	#	90
34) Hexachlorobutadiene	11.14	225	90539	35.763	ng		95
35) Caprolactam	11.77	113	11176	11.942	ng		94
36) 4-Chloro-3-methylphenol	12.12	107	130535	44.040	ng		100
37) 2-Methylnaphthalene	12.46	142	265617	41.117	ng		99
38) 1-Methylnaphthalene	12.68	142	252417	41.066	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	172566	39.468	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	165667	72.130	ng		98
43) 2,4,6-Trichlorophenol	13.08	196	116827	45.372	ng		99
44) 2,4,5-Trichlorophenol	13.17	196	121926	46.838	ng		97
46) 1,1'-Biphenyl	13.46	154	392008	43.617	ng		97
47) 2-Chloronaphthalene	13.51	162	275019	40.217	ng		98
48) 2-Nitroaniline	13.72	65	36196	17.710	ng		97
49) Acenaphthylene	14.36	152	435924	40.959	ng		100
50) Dimethylphthalate	14.09	163	460251	50.296	ng		99
51) 2,6-Dinitrotoluene	14.21	165	83527	42.015	ng		98
52) Acenaphthene	14.70	154	266786	41.104	ng		98
53) 3-Nitroaniline	14.55	138	12313	6.415	ng		86
54) 2,4-Dinitrophenol	14.76	184	106107	84.974	ng		93
55) Dibenzofuran	15.03	168	438080	41.622	ng		97
56) 4-Nitrophenol	14.92	139	60975	47.405	ng		97
57) 2,4-Dinitrotoluene	15.00	165	114683	40.366	ng	#	99
58) Fluorene	15.68	166	363049	41.126	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	112092	40.529	ng		94
60) Diethylphthalate	15.45	149	374840	40.767	ng		100
61) 4-Chlorophenyl-phenylether	15.67	204	209771	40.733	ng		99
62) 4-Nitroaniline	15.72	138	4481	2.261	ng		92
63) Azobenzene	15.96	77	300738	40.414	ng		95
65) 4,6-Dinitro-2-methylphenol	15.77	198	69232	46.604	ng		96
66) n-Nitrosodiphenylamine	15.89	169	313431	43.980	ng		96
67) 4-Bromophenyl-phenylether	16.57	248	145854	42.935	ng		97
68) Hexachlorobenzene	16.69	284	161756	41.482	ng		100
69) Atrazine	16.84	200	118958	48.037	ng		96
70) Pentachlorophenol	17.04	266	139576	78.553	ng		97
71) Phenanthrene	17.42	178	527552	40.813	ng		99
72) Anthracene	17.51	178	539371	41.706	ng		99
73) Carbazole	17.79	167	424287	36.228	ng		99
74) Di-n-butylphthalate	18.34	149	545442	38.383	ng	#	99
75) Fluoranthene	19.43	202	595772	35.354	ng		99
78) Pyrene	19.79	202	595409	42.704	ng		99
80) Butylbenzylphthalate	20.67	149	220458	41.735	ng		95
81) Benzo(a)anthracene	21.63	228	616140	43.668	ng		99
82) 3,3'-Dichlorobenzidine	21.57	252	4277m	0.784	ng		
83) Chrysene	21.69	228	594084	42.377	ng		98
84) Bis(2-ethylhexyl)phthalate	21.53	149	331441	44.170	ng		99
85) Di-n-octyl phthalate	22.72	149	570043	44.778	ng		98
86) Indeno(1,2,3-cd)pyrene	28.47	276	791200	44.961	ng		99
88) Benzo(b)fluoranthene	23.82	252	646147	41.779	ng		99
89) Benzo(k)fluoranthene	23.89	252	660227	42.405	ng		100
90) Benzo(a)pyrene	24.68	252	586754	39.729	ng		99
91) Dibenzo(a,h)anthracene	28.52	278	669857	44.343	ng		100
92) Benzo(g,h,i)perylene	29.61	276	663350	44.518	ng		98

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

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