Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
Data File : BG043719.D
Acq On : 20 Nov 2019 5:59
Operator : JU
Sample : K5670-08MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-03-111219MSD

Manual Integrations APPROVED
mohammad
11/21/2019 9:04:21 AM

Quant Time: Nov 20 07:59:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 15:23:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	31675	20.00	ng		0.00
21) Naphthalene-d8	10.79	136	124528	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	87433	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	212335	20.00	ng		0.00
76) Chrysene-d12	21.63	240	221713	20.00	ng		0.00
87) Perylene-d12	24.81	264	245295	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	252930	146.32	ng		0.00
7) Phenol-d6	7.19	99	354733	142.64	ng		0.00
23) Nitrobenzene-d5	9.16	82	212221	87.86	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	221862	133.34	ng		0.00
45) 2-Fluorobiphenyl	13.24	172	570256	90.12	ng		0.00
79) Terphenyl-d14	19.98	244	1137389	96.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	23392	34.726	ng	#	47
3) Pyridine	3.87	79	62197	36.604	ng		99
4) n-Nitrosodimethylamine	3.77	42	42051	49.043	ng	#	91
6) Aniline	7.32	93	41754	14.574	ng		96
8) 2-Chlorophenol	7.57	128	96026	50.325	ng		98
9) Benzaldehyde	7.13	77	16158	13.220	ng		95
10) Phenol	7.21	94	136376	60.009	ng		94
11) bis(2-Chloroethyl)ether	7.41	93	75999	43.254	ng		94
12) 1,3-Dichlorobenzene	7.88	146	84497	35.344	ng		99
13) 1,4-Dichlorobenzene	8.02	146	88427	36.558	ng		96
14) 1,2-Dichlorobenzene	8.35	146	85925	36.382	ng		99
15) Benzyl Alcohol	8.24	79	87344	50.007	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.51	45	108349	42.409	ng		100
17) 2-Methylphenol	8.46	107	84915	51.255	ng		94
18) Hexachloroethane	9.07	117	31006	35.529	ng		90
19) n-Nitroso-di-n-propylamine	8.79	70	72720	45.251	ng		96
20) 3+4-Methylphenols	8.79	107	114015	50.187	ng		93
22) Acetophenone	8.82	105	142001	44.528	ng		99
24) Nitrobenzene	9.20	77	109160	47.440	ng		93
25) Isophorone	9.72	82	207862	47.069	ng		98
26) 2-Nitrophenol	9.91	139	55489	49.950	ng		97
27) 2,4-Dimethylphenol	9.98	122	91705	57.597	ng		98
28) bis(2-Chloroethoxy)methane	10.20	93	110350	45.275	ng		98
29) 2,4-Dichlorophenol	10.47	162	104664	51.305	ng		96
30) 1,2,4-Trichlorobenzene	10.66	180	104722	40.729	ng		93
31) Naphthalene	10.84	128	279792	44.264	ng		98
32) Benzoic acid	10.17	122	55757	46.266	ng		92
33) 4-Chloroaniline	10.98	127	8191	3.161	ng	#	91
34) Hexachlorobutadiene	11.13	225	73622	38.735	ng		100
35) Caprolactam	11.75	113	32507m	46.267	ng		
36) 4-Chloro-3-methylphenol	12.11	107	111413	50.068	ng		97
37) 2-Methylnaphthalene	12.45	142	225003	46.393	ng		99
38) 1-Methylnaphthalene	12.67	142	211843	45.907	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	144169	44.555	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	120934	71.147	ng		96
43) 2,4,6-Trichlorophenol	13.06	196	98808	51.852	ng		96
44) 2,4,5-Trichlorophenol	13.16	196	106503	55.283	ng		98
46) 1,1'-Biphenyl	13.45	154	305631	45.950	ng		97
47) 2-Chloronaphthalene	13.50	162	235017	46.438	ng		95
48) 2-Nitroaniline	13.71	65	73328	48.478	ng		97
49) Acenaphthylene	14.35	152	382007	48.500	ng		100
50) Dimethylphthalate	14.08	163	380441	56.176	ng		98
51) 2,6-Dinitrotoluene	14.20	165	73695	50.090	ng		95
52) Acenaphthene	14.69	154	230738	48.037	ng		99
53) 3-Nitroaniline	14.54	138	28462	20.037	ng		95
54) 2,4-Dinitrophenol	14.75	184	84865	91.245	ng		92
55) Dibenzofuran	15.02	168	384402	49.349	ng		97
56) 4-Nitrophenol	14.88	139	100297	105.364	ng		83
57) 2,4-Dinitrotoluene	14.99	165	104148	49.533	ng		97
58) Fluorene	15.67	166	324606	49.686	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	104004	50.813	ng	#	99
60) Diethylphthalate	15.44	149	322741	47.429	ng		98
61) 4-Chlorophenyl-phenylether	15.66	204	183128	48.049	ng		100
62) 4-Nitroaniline	15.71	138	64493	43.963	ng		95
63) Azobenzene	15.96	77	268727	48.796	ng		98
65) 4,6-Dinitro-2-methylphenol	15.76	198	63594	50.892	ng		98
66) n-Nitrosodiphenylamine	15.88	169	284840	47.515	ng		99
67) 4-Bromophenyl-phenylether	16.55	248	130524	45.677	ng		94
68) Hexachlorobenzene	16.68	284	145593	44.387	ng		96
69) Atrazine	16.83	200	118444	56.861	ng		96
70) Pentachlorophenol	17.03	266	149859	100.265	ng		96
71) Phenanthrene	17.41	178	506062	46.542	ng		98
72) Anthracene	17.50	178	519937	47.794	ng		100
73) Carbazole	17.78	167	461003	46.795	ng		100
74) Di-n-butylphthalate	18.32	149	547965	45.842	ng		99
75) Fluoranthene	19.42	202	662813	46.758	ng		99
77) Benzidine	19.61	184	34964	7.836	ng		98
78) Pyrene	19.78	202	664821	48.443	ng		99
80) Butylbenzylphthalate	20.66	149	256107	49.257	ng		98
81) Benzo(a)anthracene	21.61	228	687622	49.512	ng		99
82) 3,3'-Dichlorobenzidine	21.53	252	132110	24.594	ng		98
83) Chrysene	21.68	228	666011	48.266	ng		100
84) Bis(2-ethylhexyl)phthalate	21.51	149	366230	49.586	ng		100
85) Di-n-octyl phthalate	22.70	149	627483	50.076	ng		98
86) Indeno(1,2,3-cd)pyrene	28.44	276	864752	49.925	ng	#	94
88) Benzo(b)fluoranthene	23.81	252	710504	51.142	ng		100
89) Benzo(k)fluoranthene	23.87	252	734967	52.551	ng		98
90) Benzo(a)pyrene	24.66	252	661994	49.899	ng		100
91) Dibenzo(a,h)anthracene	28.49	278	737642	54.359	ng		99
92) Benzo(g,h,i)perylene	29.57	276	729610	54.509	ng		97

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

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