Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070119\
Data File : BG041553.D
Acq On : 1 Jul 2019 11:13
Operator : HP/JU
Sample : K3601-03MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RBR-200027MS

Manual Integrations APPROVED
mohammad
7/3/2019 9:47:09 AM

Quant Time: Jul 02 04:43:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	26641	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	95937	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	68086	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	191725	20.00	ng	0.00
76) Chrysene-d12	21.70	240	245262	20.00	ng	0.00
87) Perylene-d12	24.99	264	274612	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	192217	128.63	ng	0.00
7) Phenol-d6	7.19	99	269330	128.03	ng	0.00
23) Nitrobenzene-d5	9.21	82	190589	82.86	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	152677	131.33	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	401883	75.75	ng	0.00
79) Terphenyl-d14	20.03	244	941895	81.61	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	21102	31.197	ng	# 84
3) Pyridine	3.82	79	50630	29.501	ng	97
4) n-Nitrosodimethylamine	3.75	42	36604	38.328	ng	89
6) Aniline	7.35	93	70521	26.008	ng	94
8) 2-Chlorophenol	7.59	128	69644	41.558	ng	93
9) Benzaldehyde	7.17	77	47530	37.414	ng	97
10) Phenol	7.22	94	87642	41.339	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	60860	36.199	ng	91
12) 1,3-Dichlorobenzene	7.91	146	77119	35.574	ng	99
13) 1,4-Dichlorobenzene	8.07	146	77662	35.536	ng	97
14) 1,2-Dichlorobenzene	8.38	146	76655	36.634	ng	100
15) Benzyl Alcohol	8.28	79	69439	41.451	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	76921	32.580	ng	96
17) 2-Methylphenol	8.48	107	61233	39.678	ng	93
18) Hexachloroethane	9.11	117	30667	35.564	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	54145	34.508	ng	98
20) 3+4-Methylphenols	8.81	107	79652	38.724	ng	96
22) Acetophenone	8.86	105	109759	38.141	ng	97
24) Nitrobenzene	9.26	77	89860	38.919	ng	96
25) Isophorone	9.77	82	155191	37.578	ng	99
26) 2-Nitrophenol	9.97	139	38058	39.469	ng	93
27) 2,4-Dimethylphenol	10.02	122	62551	46.610	ng	88
28) bis(2-Chloroethoxy)methane	10.25	93	80622	36.918	ng	97
29) 2,4-Dichlorophenol	10.50	162	78413	43.258	ng	94
30) 1,2,4-Trichlorobenzene	10.71	180	88754	38.202	ng	98
31) Naphthalene	10.90	128	207845	39.175	ng	98
32) Benzoic acid	10.13	122	6862m	14.865	ng	
33) 4-Chloroaniline	11.03	127	54751	24.515	ng	98
34) Hexachlorobutadiene	11.16	225	68592	37.193	ng	97
35) Caprolactam	11.81	113	22381m	39.543	ng	
36) 4-Chloro-3-methylphenol	12.14	107	82426	41.968	ng	98
37) 2-Methylnaphthalene	12.51	142	152790	38.981	ng	95
38) 1-Methylnaphthalene	12.72	142	140730	37.634	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	118839	39.639	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	126782	78.035	ng		97
43) 2,4,6-Trichlorophenol	13.12	196	71424	40.154	ng		97
44) 2,4,5-Trichlorophenol	13.19	196	79193	44.689	ng		99
46) 1,1'-Biphenyl	13.51	154	203720	37.904	ng		95
47) 2-Chloronaphthalene	13.56	162	175086	37.944	ng		99
48) 2-Nitroaniline	13.78	65	57019	36.453	ng		93
49) Acenaphthylene	14.40	152	275557	39.953	ng		99
50) Dimethylphthalate	14.13	163	286627	46.260	ng	#	97
51) 2,6-Dinitrotoluene	14.26	165	51973	39.527	ng		91
52) Acenaphthene	14.74	154	154774	37.843	ng		99
53) 3-Nitroaniline	14.60	138	37029	29.499	ng		95
54) 2,4-Dinitrophenol	14.81	184	35333	44.467	ng		98
55) Dibenzofuran	15.07	168	280994	39.465	ng		100
56) 4-Nitrophenol	14.92	139	77100	95.175	ng		99
57) 2,4-Dinitrotoluene	15.05	165	75721	39.696	ng		99
58) Fluorene	15.72	166	223972	39.540	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	86172	46.126	ng		99
60) Diethylphthalate	15.48	149	240216	37.876	ng		97
61) 4-Chlorophenyl-phenylether	15.71	204	138543	37.919	ng		97
62) 4-Nitroaniline	15.77	138	50035	40.899	ng		96
63) Azobenzene	16.00	77	207997	38.898	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	45167	38.038	ng		96
66) n-Nitrosodiphenylamine	15.93	169	205402	38.926	ng		100
67) 4-Bromophenyl-phenylether	16.60	248	96832	36.959	ng		99
68) Hexachlorobenzene	16.72	284	102408	36.278	ng		93
69) Atrazine	16.87	200	96924	43.394	ng		94
70) Pentachlorophenol	17.07	266	122073	95.438	ng		94
71) Phenanthrene	17.47	178	411682	38.973	ng		99
72) Anthracene	17.56	178	418880	39.632	ng		99
73) Carbazole	17.84	167	385287	42.882	ng		98
74) Di-n-butylphthalate	18.36	149	429662	38.048	ng		100
75) Fluoranthene	19.48	202	598661	42.507	ng		98
77) Benzidine	19.66	184	222693	40.922	ng		98
78) Pyrene	19.84	202	602272	35.971	ng		99
80) Butylbenzylphthalate	20.70	149	219566	35.114	ng		98
81) Benzo(a)anthracene	21.68	228	648690	38.043	ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	149962	25.398	ng		99
83) Chrysene	21.75	228	628356	38.071	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	326970	36.884	ng		100
85) Di-n-octyl phthalate	22.77	149	566865	37.787	ng		100
86) Indeno(1,2,3-cd)pyrene	28.76	276	792043	39.630	ng	#	98
88) Benzo(b)fluoranthene	23.93	252	662709	37.836	ng		100
89) Benzo(k)fluoranthene	24.01	252	648887	37.734	ng		100
90) Benzo(a)pyrene	24.83	252	648742	38.998	ng		100
91) Dibenzo(a,h)anthracene	28.83	278	655787	39.349	ng		98
92) Benzo(g,h,i)perylene	29.96	276	657567	39.683	ng		99

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

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