Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041822.D
Acq On : 31 Jul 2019 4:14
Operator : HP/JU
Sample : K4021-04MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-10MSD

Manual Integrations APPROVED
mohammad
8/1/2019 5:05:14 PM

Quant Time: Jul 31 07:05:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 07:53:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	59196	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	274397	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	273341	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	822421	20.00	ng	0.00
76) Chrysene-d12	21.74	240	660364	20.00	ng	0.00
87) Perylene-d12	25.01	264	783480	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	438491	144.12	ng	0.00
7) Phenol-d6	7.19	99	622401	151.74	ng	0.00
23) Nitrobenzene-d5	9.21	82	417250	104.64	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	619808	199.63	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1343701	86.70	ng	0.00
79) Terphenyl-d14	20.06	244	2779505	96.31	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	42702	29.819	ng	# 29
3) Pyridine	3.88	79	91514	23.304	ng	93
4) n-Nitrosodimethylamine	3.78	42	59280	38.080	ng	94
6) Aniline	7.36	93	117264	20.303	ng	96
8) 2-Chlorophenol	7.60	128	192413	55.228	ng	91
9) Benzaldehyde	7.17	77	50361	17.449	ng	93
10) Phenol	7.22	94	215365	50.469	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	156932	44.733	ng	92
12) 1,3-Dichlorobenzene	7.93	146	187825	41.307	ng	98
13) 1,4-Dichlorobenzene	8.08	146	194262	42.696	ng	98
14) 1,2-Dichlorobenzene	8.40	146	191029	44.000	ng	96
15) Benzyl Alcohol	8.28	79	175611	54.419	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	265514	42.541	ng	96
17) 2-Methylphenol	8.48	107	172569	55.606	ng	98
18) Hexachloroethane	9.14	117	66187	42.480	ng	91
19) n-Nitroso-di-n-propylamine	8.85	70	154366	51.836	ng	93
20) 3+4-Methylphenols	8.81	107	250843	59.065	ng	99
22) Acetophenone	8.86	105	293640	47.843	ng	# 93
24) Nitrobenzene	9.25	77	212599	50.610	ng	100
25) Isophorone	9.78	82	460636	53.106	ng	100
26) 2-Nitrophenol	9.97	139	119847	61.472	ng	93
27) 2,4-Dimethylphenol	10.03	122	215740	62.698	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	255834	47.198	ng	99
29) 2,4-Dichlorophenol	10.51	162	259340	61.891	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	232614	43.776	ng	97
31) Naphthalene	10.92	128	605705	48.231	ng	97
32) Benzoic acid	10.15	122	91209	39.086	ng	94
33) 4-Chloroaniline	11.02	127	22097	3.710	ng	96
34) Hexachlorobutadiene	11.21	225	141964	39.585	ng	98
35) Caprolactam	11.79	113	97191m	66.741	ng	
36) 4-Chloro-3-methylphenol	12.14	107	316946	76.293	ng	98
37) 2-Methylnaphthalene	12.52	142	534666	53.787	ng	99
38) 1-Methylnaphthalene	12.75	142	518837	55.077	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	336008	38.834	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	339210	69.730	ng		97
43) 2,4,6-Trichlorophenol	13.13	196	278440	50.916	ng		99
44) 2,4,5-Trichlorophenol	13.20	196	330757	58.202	ng		95
46) 1,1'-Biphenyl	13.54	154	765876	43.587	ng		96
47) 2-Chloronaphthalene	13.58	162	624803	41.765	ng		97
48) 2-Nitroaniline	13.77	65	228251	60.158	ng		88
49) Acenaphthylene	14.42	152	1104463	49.356	ng		98
50) Dimethylphthalate	14.15	163	1056866	56.614	ng		99
51) 2,6-Dinitrotoluene	14.26	165	256735	65.770	ng		91
52) Acenaphthene	14.76	154	701267	48.183	ng		99
53) 3-Nitroaniline	14.59	138	45780	10.962	ng	#	88
54) 2,4-Dinitrophenol	14.80	184	280802	105.885	ng		89
55) Dibenzofuran	15.10	168	1148221	51.579	ng		96
56) 4-Nitrophenol	14.90	139	448921	141.619	ng		96
57) 2,4-Dinitrotoluene	15.06	165	393784	73.355	ng		92
58) Fluorene	15.75	166	998167	55.872	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	374354	66.510	ng		92
60) Diethylphthalate	15.52	149	1103307	60.199	ng		98
61) 4-Chlorophenyl-phenylether	15.74	204	576092	52.821	ng		95
62) 4-Nitroaniline	15.77	138	273092	60.375	ng		97
63) Azobenzene	16.04	77	832225	55.587	ng		94
65) 4,6-Dinitro-2-methylphenol	15.82	198	237084	57.343	ng		88
66) n-Nitrosodiphenylamine	15.96	169	1007017	44.952	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	438978	43.332	ng		97
68) Hexachlorobenzene	16.76	284	455281	42.957	ng		95
69) Atrazine	16.90	200	314958	35.783	ng		99
70) Pentachlorophenol	17.10	266	575310	95.554	ng		99
71) Phenanthrene	17.50	178	1848512	46.891	ng		99
72) Anthracene	17.59	178	1910208	48.586	ng		98
73) Carbazole	17.85	167	1744599	49.439	ng		99
74) Di-n-butylphthalate	18.42	149	2014310	50.351	ng		99
75) Fluoranthene	19.50	202	2230020	46.539	ng		98
77) Benzidine	19.72	184	6867	0.319	ng	#	87
78) Pyrene	19.87	202	2167236	55.392	ng		100
80) Butylbenzylphthalate	20.76	149	772082	51.469	ng		89
81) Benzo(a)anthracene	21.72	228	1853487	47.440	ng		98
82) 3,3'-Dichlorobenzidine	21.63	252	245554	15.654	ng		94
83) Chrysene	21.78	228	1809386	48.313	ng		98
84) Bis(2-ethylhexyl)phthalate	21.63	149	1056379	51.052	ng		98
85) Di-n-octyl phthalate	22.87	149	1833038	52.637	ng	#	92
86) Indeno(1,2,3-cd)pyrene	28.76	276	2530587	51.043	ng	#	90
88) Benzo(b)fluoranthene	23.98	252	2094716m	48.874	ng		
89) Benzo(k)fluoranthene	24.05	252	2054671	49.214	ng	#	98
90) Benzo(a)pyrene	24.86	252	2091391	50.878	ng	#	98
91) Dibenzo(a,h)anthracene	28.83	278	2064468	51.149	ng	#	94
92) Benzo(g,h,i)perylene	29.93	276	2098671	52.044	ng		96

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

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