Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
Data File : BG042321.D
Acq On : 19 Aug 2019 9:50
Operator : HP/JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC020

Quant Time: Aug 19 11:51:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 11:30:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	67387	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	284099	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	211020	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	465306	20.00	ng		0.00
76) Chrysene-d12	21.70	240	453024	20.00	ng		0.00
87) Perylene-d12	24.94	264	543113	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	133716	38.61	ng		0.00
7) Phenol-d6	7.17	99	184055	39.42	ng		0.00
23) Nitrobenzene-d5	9.17	82	165104	39.99	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	116073	48.43	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	542329	45.33	ng		0.00
79) Terphenyl-d14	20.03	244	929929	46.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	29509	18.102	ng		97
3) Pyridine	3.84	79	73071	16.346	ng		96
4) n-Nitrosodimethylamine	3.75	42	25109	14.169	ng		88
6) Aniline	7.32	93	123013	18.709	ng		99
8) 2-Chlorophenol	7.57	128	82603	20.828	ng		97
9) Benzaldehyde	7.14	77	55912	17.017	ng		100
10) Phenol	7.19	94	93113	19.168	ng		99
11) bis(2-Chloroethyl)ether	7.42	93	74373	18.623	ng		99
12) 1,3-Dichlorobenzene	7.89	146	103891	20.071	ng		100
13) 1,4-Dichlorobenzene	8.04	146	106011	20.468	ng		98
14) 1,2-Dichlorobenzene	8.36	146	102174	20.674	ng		100
15) Benzyl Alcohol	8.25	79	60336	16.425	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.53	45	102475	14.423	ng		98
17) 2-Methylphenol	8.45	107	69853	19.772	ng		98
18) Hexachloroethane	9.10	117	35665	20.108	ng		94
19) n-Nitroso-di-n-propylamine	8.82	70	60183	17.753	ng		98
20) 3+4-Methylphenols	8.78	107	96343	19.928	ng		99
22) Acetophenone	8.83	105	124791	19.638	ng	#	97
24) Nitrobenzene	9.22	77	83374	19.170	ng		99
25) Isophorone	9.74	82	168029	18.710	ng		98
26) 2-Nitrophenol	9.93	139	50124	24.832	ng		99
27) 2,4-Dimethylphenol	9.99	122	71591	20.095	ng		99
28) bis(2-Chloroethoxy)methane	10.23	93	106950	19.057	ng		99
29) 2,4-Dichlorophenol	10.48	162	95874	22.099	ng		99
30) 1,2,4-Trichlorobenzene	10.69	180	118431	21.527	ng		97
31) Naphthalene	10.88	128	274461	21.108	ng		99
32) Benzoic acid	10.11	122	43037m	19.584	ng		
33) 4-Chloroaniline	10.98	127	122848	19.923	ng		99
34) Hexachlorobutadiene	11.17	225	77487	20.869	ng		98
35) Caprolactam	11.74	113	30761	20.402	ng		97
36) 4-Chloro-3-methylphenol	12.11	107	91165	21.195	ng		98
37) 2-Methylnaphthalene	12.49	142	220817	21.455	ng		98
38) 1-Methylnaphthalene	12.71	142	211645	21.700	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	141596	21.198	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	62970	16.767 ng	100
43) 2,4,6-Trichlorophenol	13.09	196	94270	22.329 ng	99
44) 2,4,5-Trichlorophenol	13.18	196	93784	21.376 ng	99
46) 1,1'-Biphenyl	13.50	154	290734	21.433 ng	100
47) 2-Chloronaphthalene	13.54	162	242648	21.010 ng	97
48) 2-Nitroaniline	13.74	65	55488	18.944 ng	97
49) Acenaphthylene	14.39	152	372801	21.580 ng	98
50) Dimethylphthalate	14.12	163	317963	22.063 ng	100
51) 2,6-Dinitrotoluene	14.23	165	70244	23.310 ng	98
52) Acenaphthene	14.73	154	222765	19.826 ng	98
53) 3-Nitroaniline	14.56	138	69704	21.621 ng	98
54) 2,4-Dinitrophenol	14.78	184	33673	23.399 ng	99
55) Dibenzofuran	15.06	168	374384	21.784 ng	98
56) 4-Nitrophenol	14.88	139	45863	18.741 ng	99
57) 2,4-Dinitrotoluene	15.03	165	100257	24.192 ng	95
58) Fluorene	15.71	166	302747	21.951 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	91769	21.120 ng	98
60) Diethylphthalate	15.48	149	306136	21.637 ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	179561	21.326 ng	96
62) 4-Nitroaniline	15.73	138	73036	20.915 ng	97
63) Azobenzene	16.00	77	211415	18.292 ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	54205	26.562 ng	96
66) n-Nitrosodiphenylamine	15.92	169	274330	21.644 ng	98
67) 4-Bromophenyl-phenylether	16.60	248	122408	21.356 ng	98
68) Hexachlorobenzene	16.73	284	130593	21.779 ng	98
69) Atrazine	16.87	200	103045	20.692 ng	100
70) Pentachlorophenol	17.07	266	63101	18.524 ng	98
71) Phenanthrene	17.46	178	497293	22.297 ng	98
72) Anthracene	17.55	178	500278	22.490 ng	98
73) Carbazole	17.82	167	436500	21.863 ng	98
74) Di-n-butylphthalate	18.38	149	516322	22.812 ng	99
75) Fluoranthene	19.47	202	611956	22.573 ng	99
77) Benzidine	19.64	184	261924	17.713 ng	99
78) Pyrene	19.83	202	614510	22.894 ng	97
80) Butylbenzylphthalate	20.71	149	230403	22.389 ng	98
81) Benzo(a)anthracene	21.67	228	597782	22.303 ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	235547	21.888 ng	96
83) Chrysene	21.74	228	572866	22.297 ng	97
84) Bis(2-ethylhexyl)phthalate	21.58	149	328712	23.156 ng	99
85) Di-n-octyl phthalate	22.80	149	552671	23.134 ng	99
86) Indeno(1,2,3-cd)pyrene	28.64	276	718639	21.130 ng	99
88) Benzo(b)fluoranthene	23.91	252	630680	21.227 ng	98
89) Benzo(k)fluoranthene	23.97	252	622200	21.499 ng	97
90) Benzo(a)pyrene	24.79	252	595533	20.900 ng	100
91) Dibenzo(a,h)anthracene	28.70	278	584966	20.907 ng	98
92) Benzo(g,h,i)perylene	29.79	276	574226	20.542 ng	99

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

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