Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092519\
Data File : BG042923.D
Acq On : 25 Sep 2019 11:30
Operator : HP/JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC020

Quant Time: Sep 25 12:58:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 12:51:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	54157	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	219460	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	164923	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	408542	20.00	ng		0.00
76) Chrysene-d12	21.71	240	434542	20.00	ng		0.00
87) Perylene-d12	24.96	264	488486	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	117581	37.64	ng		0.00
7) Phenol-d6	7.24	99	179050	39.71	ng		0.00
23) Nitrobenzene-d5	9.24	82	183219	40.73	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	114401	43.98	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	487694	43.38	ng		0.00
79) Terphenyl-d14	20.05	244	1006197	47.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	24550	18.912	ng		97
3) Pyridine	3.96	79	69089	18.284	ng		96
4) n-Nitrosodimethylamine	3.87	42	34322	19.596	ng		100
6) Aniline	7.40	93	108030	19.645	ng		98
8) 2-Chlorophenol	7.64	128	64368	20.124	ng		97
9) Benzaldehyde	7.21	77	56809	20.238	ng		91
10) Phenol	7.27	94	81232	19.325	ng		99
11) bis(2-Chloroethyl)ether	7.50	93	60474	18.455	ng		97
12) 1,3-Dichlorobenzene	7.97	146	80932	20.046	ng		93
13) 1,4-Dichlorobenzene	8.11	146	81276	20.023	ng		95
14) 1,2-Dichlorobenzene	8.43	146	79221	20.563	ng		95
15) Benzyl Alcohol	8.31	79	64793	19.108	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.60	45	127143	19.968	ng		96
17) 2-Methylphenol	8.52	107	55076	18.971	ng		97
18) Hexachloroethane	9.16	117	29939	20.130	ng		97
19) n-Nitroso-di-n-propylamine	8.88	70	59399	19.748	ng		98
20) 3+4-Methylphenols	8.85	107	78466	19.683	ng		98
22) Acetophenone	8.89	105	116058	20.270	ng	#	98
24) Nitrobenzene	9.28	77	86992	19.959	ng		98
25) Isophorone	9.80	82	163393	20.328	ng		97
26) 2-Nitrophenol	9.99	139	35514	19.765	ng		96
27) 2,4-Dimethylphenol	10.05	122	57126	20.354	ng		99
28) bis(2-Chloroethoxy)methane	10.28	93	92594	19.961	ng		99
29) 2,4-Dichlorophenol	10.53	162	72021	21.064	ng		95
30) 1,2,4-Trichlorobenzene	10.74	180	92917	21.256	ng		92
31) Naphthalene	10.93	128	224011	20.882	ng		97
32) Benzoic acid	10.16	122	34411	15.795	ng		96
33) 4-Chloroaniline	11.04	127	94044	19.686	ng		98
34) Hexachlorobutadiene	11.22	225	71043	22.520	ng		98
35) Caprolactam	11.80	113	24320	19.719	ng	#	88
36) 4-Chloro-3-methylphenol	12.16	107	76815	20.289	ng		91
37) 2-Methylnaphthalene	12.53	142	170612	20.912	ng		98
38) 1-Methylnaphthalene	12.75	142	164929	21.398	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	124404	20.379	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	79045	21.122 ng	95
43) 2,4,6-Trichlorophenol	13.13	196	72628	20.338 ng	96
44) 2,4,5-Trichlorophenol	13.21	196	76763	20.826 ng	97
46) 1,1'-Biphenyl	13.53	154	260842	20.751 ng	98
47) 2-Chloronaphthalene	13.57	162	192741	20.333 ng	98
48) 2-Nitroaniline	13.77	65	58832	18.497 ng	96
49) Acenaphthylene	14.42	152	296603	20.684 ng	99
50) Dimethylphthalate	14.15	163	260550	21.589 ng	99
51) 2,6-Dinitrotoluene	14.26	165	53011	20.622 ng	93
52) Acenaphthene	14.76	154	201805	21.262 ng	99
53) 3-Nitroaniline	14.60	138	53394	19.762 ng	98
54) 2,4-Dinitrophenol	14.79	184	28246	18.649 ng	93
55) Dibenzofuran	15.09	168	301681	21.426 ng	100
56) 4-Nitrophenol	14.91	139	39576	19.231 ng	94
57) 2,4-Dinitrotoluene	15.05	165	78945	21.639 ng	96
58) Fluorene	15.74	166	255625	21.474 ng	97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	80384	21.327 ng	99
60) Diethylphthalate	15.51	149	262481	21.555 ng	98
61) 4-Chlorophenyl-phenylether	15.73	204	154012	21.851 ng	96
62) 4-Nitroaniline	15.76	138	59328	20.280 ng	95
63) Azobenzene	16.03	77	242507	20.725 ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	44181	20.420 ng	96
66) n-Nitrosodiphenylamine	15.95	169	224066	20.403 ng	100
67) 4-Bromophenyl-phenylether	16.63	248	107367	21.361 ng	97
68) Hexachlorobenzene	16.74	284	117676	21.222 ng	96
69) Atrazine	16.89	200	95159	21.000 ng	99
70) Pentachlorophenol	17.09	266	61980	19.445 ng	96
71) Phenanthrene	17.48	178	425014	21.418 ng	98
72) Anthracene	17.57	178	419738	21.264 ng	99
73) Carbazole	17.84	167	384971	20.919 ng	97
74) Di-n-butylphthalate	18.40	149	456419	21.303 ng	99
75) Fluoranthene	19.49	202	564045	22.434 ng	97
77) Benzidine	19.67	184	236458	19.603 ng	99
78) Pyrene	19.85	202	573394	22.125 ng	99
80) Butylbenzylphthalate	20.74	149	195719	19.557 ng	99
81) Benzo(a)anthracene	21.70	228	580784	21.702 ng	99
82) 3,3'-Dichlorobenzidine	21.61	252	220098	20.648 ng	99
83) Chrysene	21.76	228	571374	22.079 ng	96
84) Bis(2-ethylhexyl)phthalate	21.61	149	281743	19.906 ng	98
85) Di-n-octyl phthalate	22.83	149	469167	20.033 ng	100
86) Indeno(1,2,3-cd)pyrene	28.65	276	662043	20.519 ng	99
88) Benzo(b)fluoranthene	23.92	252	575051	20.673 ng	100
89) Benzo(k)fluoranthene	23.99	252	588804	21.911 ng	98
90) Benzo(a)pyrene	24.80	252	545453	20.821 ng	97
91) Dibenzo(a,h)anthracene	28.72	278	557778	20.968 ng	98
92) Benzo(g,h,i)perylene	29.81	276	529438	20.576 ng	98

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

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