Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013020\
Data File : BG044246.D
Acq On : 30 Jan 2020 12:34
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: Jan 30 15:26:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 15:17:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	100210	20.00	ng		0.00
21) Naphthalene-d8	10.71	136	401598	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	255847	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	544319	20.00	ng		0.00
76) Chrysene-d12	21.55	240	478955	20.00	ng		0.00
87) Perylene-d12	24.64	264	554470	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	575708	98.72	ng		0.00
7) Phenol-d6	7.09	99	777092	98.14	ng		0.00
23) Nitrobenzene-d5	9.08	82	730618	100.57	ng		0.00
42) 2,4,6-Tribromophenol	16.04	330	311834	100.30	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	1540704	99.32	ng		0.00
79) Terphenyl-d14	19.92	244	2155684	100.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	129402	49.434	ng		99
3) Pyridine	3.78	79	330847	47.698	ng		98
4) n-Nitrosodimethylamine	3.70	42	144510	48.835	ng		99
6) Aniline	7.24	93	477742	48.208	ng		100
8) 2-Chlorophenol	7.48	128	313646	47.804	ng		99
9) Benzaldehyde	7.05	77	199618	53.356	ng		99
10) Phenol	7.11	94	384491	47.835	ng		98
11) bis(2-Chloroethyl)ether	7.34	93	325137	47.746	ng		97
12) 1,3-Dichlorobenzene	7.81	146	376251	48.536	ng		96
13) 1,4-Dichlorobenzene	7.95	146	370579	48.361	ng		99
14) 1,2-Dichlorobenzene	8.27	146	351216	48.003	ng		100
15) Benzyl Alcohol	8.15	79	277467	47.692	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	441822	47.661	ng		98
17) 2-Methylphenol	8.36	107	275926	48.174	ng		99
18) Hexachloroethane	9.01	117	139706	48.202	ng		97
19) n-Nitroso-di-n-propylamine	8.72	70	258153	47.220	ng		99
20) 3+4-Methylphenols	8.69	107	377717	47.502	ng		98
22) Acetophenone	8.73	105	502072	49.505	ng	#	99
24) Nitrobenzene	9.12	77	359764	49.424	ng		99
25) Isophorone	9.64	82	676169	48.038	ng		99
26) 2-Nitrophenol	9.83	139	190354	49.614	ng		98
27) 2,4-Dimethylphenol	9.89	122	263356	49.305	ng		99
28) bis(2-Chloroethoxy)methane	10.12	93	453914	48.669	ng		99
29) 2,4-Dichlorophenol	10.37	162	317111	48.917	ng		99
30) 1,2,4-Trichlorobenzene	10.58	180	361450	49.055	ng		98
31) Naphthalene	10.77	128	992981	49.095	ng		100
32) Benzoic acid	10.06	122	161678	49.941	ng		93
33) 4-Chloroaniline	10.87	127	452508	47.973	ng		99
34) Hexachlorobutadiene	11.06	225	222771	49.294	ng		99
35) Caprolactam	11.64	113	116845	48.543	ng		98
36) 4-Chloro-3-methylphenol	12.01	107	331234	48.365	ng		99
37) 2-Methylnaphthalene	12.38	142	736173	48.616	ng		99
38) 1-Methylnaphthalene	12.60	142	690771	47.924	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	390904	49.178	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	198255	50.751 ng	99
43) 2,4,6-Trichlorophenol	12.99	196	256744	49.734 ng	99
44) 2,4,5-Trichlorophenol	13.06	196	266944	50.661 ng	98
46) 1,1'-Biphenyl	13.39	154	945413	49.404 ng	99
47) 2-Chloronaphthalene	13.43	162	748153	48.557 ng	99
48) 2-Nitroaniline	13.63	65	226506	48.996 ng	98
49) Acenaphthylene	14.28	152	1098958	48.769 ng	99
50) Dimethylphthalate	14.01	163	935867	48.599 ng	99
51) 2,6-Dinitrotoluene	14.12	165	209029	48.240 ng	99
52) Acenaphthene	14.62	154	714007	48.942 ng	97
53) 3-Nitroaniline	14.46	138	236365	49.093 ng	98
54) 2,4-Dinitrophenol	14.66	184	114582	52.140 ng	98
55) Dibenzofuran	14.95	168	1068813	48.652 ng	100
56) 4-Nitrophenol	14.77	139	179007	50.369 ng	100
57) 2,4-Dinitrotoluene	14.92	165	297781	49.081 ng	97
58) Fluorene	15.60	166	843694	48.570 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	236692	51.279 ng	100
60) Diethylphthalate	15.38	149	935634	48.567 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	457912	48.487 ng	98
62) 4-Nitroaniline	15.62	138	233579	48.560 ng	98
63) Azobenzene	15.89	77	816368	48.564 ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	160141	49.298 ng	97
66) n-Nitrosodiphenylamine	15.81	169	779648	48.778 ng	99
67) 4-Bromophenyl-phenylether	16.49	248	305284	49.105 ng	99
68) Hexachlorobenzene	16.61	284	341547	49.035 ng	99
69) Atrazine	16.76	200	273680	74.532 ng	97
70) Pentachlorophenol	16.95	266	170499	56.128 ng	98
71) Phenanthrene	17.34	178	1341374	49.236 ng	99
72) Anthracene	17.43	178	1337144	49.671 ng	99
73) Carbazole	17.70	167	1237378	49.429 ng	99
74) Di-n-butylphthalate	18.27	149	1543732	49.848 ng	100
75) Fluoranthene	19.35	202	1562798	49.590 ng	97
77) Benzidine	19.53	184	716666	65.008 ng	99
78) Pyrene	19.71	202	1563165	49.235 ng	99
80) Butylbenzylphthalate	20.60	149	738317	50.092 ng	97
81) Benzo(a)anthracene	21.53	228	1505436	48.775 ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	601748	50.750 ng	98
83) Chrysene	21.59	228	1452509	49.011 ng	98
84) Bis(2-ethylhexyl)phthalate	21.45	149	990983	48.975 ng	99
85) Di-n-octyl phthalate	22.62	149	1739837	49.716 ng	100
86) Indeno(1,2,3-cd)pyrene	28.15	276	1910021	48.622 ng	100
88) Benzo(b)fluoranthene	23.66	252	1649279	49.082 ng	99
89) Benzo(k)fluoranthene	23.74	252	1581584	49.146 ng	100
90) Benzo(a)pyrene	24.50	252	1562090	49.449 ng	99
91) Dibenzo(a,h)anthracene	28.22	278	1538222	48.813 ng	98
92) Benzo(g,h,i)perylene	29.25	276	1542396	48.881 ng	97

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

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