Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
Data File : BG044282.D
Acq On : 4 Feb 2020 15:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 05 04:36:55 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 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	109116	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	440722	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	285414	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	610974	20.00	ng		0.00
76) Chrysene-d12	21.55	240	532245	20.00	ng		0.00
87) Perylene-d12	24.65	264	617531	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	500285	80.92	ng		0.00
7) Phenol-d6	7.09	99	664477	80.03	ng		0.00
23) Nitrobenzene-d5	9.08	82	619988	79.42	ng		0.00
42) 2,4,6-Tribromophenol	16.04	330	266456	79.52	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	1354885	79.49	ng		0.00
79) Terphenyl-d14	19.92	244	1933844	74.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	115149	41.452	ng		97
3) Pyridine	3.78	79	314591	42.507	ng		96
4) n-Nitrosodimethylamine	3.69	42	122922	39.747	ng		98
6) Aniline	7.24	93	411029	39.884	ng		98
8) 2-Chlorophenol	7.48	128	269967	39.730	ng		99
9) Benzaldehyde	7.05	77	184143	38.943	ng		97
10) Phenol	7.11	94	327979	39.916	ng		99
11) bis(2-Chloroethyl)ether	7.34	93	274259	39.042	ng		97
12) 1,3-Dichlorobenzene	7.81	146	323052	39.819	ng		99
13) 1,4-Dichlorobenzene	7.95	146	321115	39.963	ng		97
14) 1,2-Dichlorobenzene	8.27	146	303762	39.995	ng		99
15) Benzyl Alcohol	8.15	79	236027	40.154	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	385576	40.553	ng		99
17) 2-Methylphenol	8.36	107	232080	39.587	ng		99
18) Hexachloroethane	9.01	117	120507	39.965	ng		98
19) n-Nitroso-di-n-propylamine	8.72	70	218165	39.428	ng		98
20) 3+4-Methylphenols	8.69	107	323334	40.020	ng		98
22) Acetophenone	8.73	105	425791	39.714	ng	#	99
24) Nitrobenzene	9.12	77	301435	39.553	ng		99
25) Isophorone	9.64	82	580458	39.894	ng		99
26) 2-Nitrophenol	9.83	139	160101	40.486	ng		97
27) 2,4-Dimethylphenol	9.89	122	224690	40.252	ng		99
28) bis(2-Chloroethoxy)methane	10.13	93	388598	40.035	ng		100
29) 2,4-Dichlorophenol	10.37	162	271243	40.186	ng		99
30) 1,2,4-Trichlorobenzene	10.59	180	310305	40.093	ng		99
31) Naphthalene	10.77	128	857161	40.087	ng		99
32) Benzoic acid	10.05	122	99260	33.197	ng		99
33) 4-Chloroaniline	10.87	127	387770	39.874	ng		99
34) Hexachlorobutadiene	11.07	225	187872	39.449	ng		97
35) Caprolactam	11.64	113	101846	41.191	ng		99
36) 4-Chloro-3-methylphenol	12.01	107	284118	40.148	ng		98
37) 2-Methylnaphthalene	12.38	142	629829	39.672	ng		100
38) 1-Methylnaphthalene	12.60	142	597690	39.932	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	337399	39.519	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	162546	39.678 ng	100
43) 2,4,6-Trichlorophenol	12.99	196	220664	39.986 ng	100
44) 2,4,5-Trichlorophenol	13.07	196	226407	40.167 ng	99
46) 1,1'-Biphenyl	13.39	154	815726	39.623 ng	100
47) 2-Chloronaphthalene	13.43	162	647162	39.504 ng	99
48) 2-Nitroaniline	13.63	65	193800	40.085 ng	96
49) Acenaphthylene	14.28	152	960436	39.971 ng	99
50) Dimethylphthalate	14.01	163	819617	39.949 ng	100
51) 2,6-Dinitrotoluene	14.12	165	181198	39.611 ng	98
52) Acenaphthene	14.62	154	614405	39.449 ng	97
53) 3-Nitroaniline	14.46	138	203544	40.219 ng	98
54) 2,4-Dinitrophenol	14.66	184	94991	39.329 ng	99
55) Dibenzofuran	14.96	168	938901	39.817 ng	99
56) 4-Nitrophenol	14.77	139	153004	41.272 ng	98
57) 2,4-Dinitrotoluene	14.92	165	256541	40.013 ng	97
58) Fluorene	15.60	166	741409	39.919 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	205324	40.328 ng	99
60) Diethylphthalate	15.38	149	827810	40.494 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	397619	39.484 ng	99
62) 4-Nitroaniline	15.62	138	205555	40.647 ng	98
63) Azobenzene	15.89	77	723907	40.404 ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	138526	41.074 ng	98
66) n-Nitrosodiphenylamine	15.81	169	687504	40.153 ng	99
67) 4-Bromophenyl-phenylether	16.49	248	266691	40.065 ng	99
68) Hexachlorobenzene	16.61	284	293673	39.380 ng	97
69) Atrazine	16.76	200	240635	41.003 ng	99
70) Pentachlorophenol	16.96	266	143660	39.740 ng	98
71) Phenanthrene	17.34	178	1188981	40.188 ng	99
72) Anthracene	17.44	178	1183990	40.478 ng	99
73) Carbazole	17.70	167	1097156	40.688 ng	100
74) Di-n-butylphthalate	18.27	149	1408905	42.281 ng	100
75) Fluoranthene	19.35	202	1390095	40.617 ng	99
77) Benzidine	19.53	184	640886	43.411 ng	100
78) Pyrene	19.72	202	1387760	40.600 ng	99
80) Butylbenzylphthalate	20.60	149	651215	41.807 ng	97
81) Benzo(a)anthracene	21.53	228	1325909	40.421 ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	534252	41.964 ng	99
83) Chrysene	21.60	228	1278724	40.329 ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	895394	41.763 ng	100
85) Di-n-octyl phthalate	22.62	149	1573406	42.414 ng	100
86) Indeno(1,2,3-cd)pyrene	28.17	276	1642982	39.718 ng	100
88) Benzo(b)fluoranthene	23.67	252	1433347	40.280 ng	99
89) Benzo(k)fluoranthene	23.73	252	1417201	40.863 ng	100
90) Benzo(a)pyrene	24.50	252	1362983	40.511 ng	98
91) Dibenzo(a,h)anthracene	28.22	278	1326430	39.836 ng	98
92) Benzo(g,h,i)perylene	29.25	276	1319221	39.578 ng	99

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

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