Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
Data File : BG044928.D
Acq On : 24 Mar 2020 13:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 24 15:15:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 23 07:18:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	73690	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	276597	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	183768	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	426638	20.00	ng		0.00
76) Chrysene-d12	21.69	240	425505	20.00	ng		0.00
87) Perylene-d12	24.89	264	479448	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	376923	79.62	ng		0.00
7) Phenol-d6	7.20	99	516818	75.14	ng		0.00
23) Nitrobenzene-d5	9.21	82	509344	80.81	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	196171	81.53	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1082075	84.32	ng		0.00
79) Terphenyl-d14	20.03	244	1751605	77.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	96795	42.462	ng		94
3) Pyridine	3.92	79	272943	40.446	ng		99
4) n-Nitrosodimethylamine	3.82	42	105589	41.239	ng	#	99
6) Aniline	7.37	93	333806	39.004	ng		97
8) 2-Chlorophenol	7.61	128	182706	38.664	ng		95
9) Benzaldehyde	7.18	77	179884	44.246	ng		93
10) Phenol	7.23	94	262891	38.608	ng		96
11) bis(2-Chloroethyl)ether	7.46	93	208457	38.359	ng		98
12) 1,3-Dichlorobenzene	7.94	146	231451	39.761	ng		100
13) 1,4-Dichlorobenzene	8.08	146	229839	39.938	ng		97
14) 1,2-Dichlorobenzene	8.40	146	218844	40.096	ng		99
15) Benzyl Alcohol	8.28	79	198756	36.017	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.58	45	320751	33.446	ng		99
17) 2-Methylphenol	8.48	107	193510	41.954	ng		96
18) Hexachloroethane	9.14	117	86650	38.244	ng		99
19) n-Nitroso-di-n-propylamine	8.85	70	169771	34.958	ng		97
20) 3+4-Methylphenols	8.81	107	261117	41.068	ng		98
22) Acetophenone	8.86	105	298740	38.124	ng		98
24) Nitrobenzene	9.25	77	267248	40.861	ng		99
25) Isophorone	9.77	82	477904	38.847	ng		97
26) 2-Nitrophenol	9.96	139	84582	38.486	ng	#	87
27) 2,4-Dimethylphenol	10.02	122	166246	41.497	ng		94
28) bis(2-Chloroethoxy)methane	10.25	93	260997	35.550	ng		96
29) 2,4-Dichlorophenol	10.50	162	189079	40.407	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	228628	40.862	ng		95
31) Naphthalene	10.90	128	625413	40.817	ng		98
32) Benzoic acid	10.15	122	83145	30.944	ng		96
33) 4-Chloroaniline	11.00	127	273754	39.656	ng		98
34) Hexachlorobutadiene	11.20	225	156084	42.420	ng		97
35) Caprolactam	11.77	113	61200	34.544	ng		93
36) 4-Chloro-3-methylphenol	12.13	107	209376	37.517	ng		94
37) 2-Methylnaphthalene	12.51	142	460019	40.136	ng		97
38) 1-Methylnaphthalene	12.72	142	434681	40.340	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	244988	40.480	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	126410	38.219	ng		98
43) 2,4,6-Trichlorophenol	13.11	196	156104	38.866	ng		97
44) 2,4,5-Trichlorophenol	13.18	196	184250	44.234	ng		94
46) 1,1'-Biphenyl	13.51	154	588278	40.059	ng		99
47) 2-Chloronaphthalene	13.55	162	444543	39.626	ng		99
48) 2-Nitroaniline	13.75	65	145128	36.952	ng		96
49) Acenaphthylene	14.40	152	726600	41.343	ng		99
50) Dimethylphthalate	14.13	163	575904	39.348	ng		100
51) 2,6-Dinitrotoluene	14.24	165	128181	43.448	ng		96
52) Acenaphthene	14.74	154	457903	39.783	ng		97
53) 3-Nitroaniline	14.57	138	140925	41.548	ng		97
54) 2,4-Dinitrophenol	14.78	184	47715	36.053	ng		92
55) Dibenzofuran	15.07	168	695504	41.669	ng		99
56) 4-Nitrophenol	14.87	139	98993	38.242	ng		93
57) 2,4-Dinitrotoluene	15.03	165	181543	44.868	ng		96
58) Fluorene	15.73	166	570589	41.557	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	155844	40.639	ng		96
60) Diethylphthalate	15.50	149	584018	38.257	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	313922	42.461	ng		99
62) 4-Nitroaniline	15.73	138	151454	41.875	ng		96
63) Azobenzene	16.01	77	603390	38.063	ng		98
65) 4,6-Dinitro-2-methylphenol	15.79	198	78307	40.452	ng		92
66) n-Nitrosodiphenylamine	15.93	169	503835	39.225	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	224325	42.059	ng		97
68) Hexachlorobenzene	16.73	284	221591	38.295	ng		96
69) Atrazine	16.88	200	189953	40.364	ng		98
70) Pentachlorophenol	17.07	266	117479	36.900	ng		100
71) Phenanthrene	17.47	178	936753	41.088	ng		99
72) Anthracene	17.55	178	932838	41.495	ng		99
73) Carbazole	17.82	167	926380	42.899	ng		99
74) Di-n-butylphthalate	18.39	149	1038935	39.578	ng		100
75) Fluoranthene	19.47	202	1192105	43.915	ng		99
77) Benzidine	19.65	184	565890	40.966	ng		99
78) Pyrene	19.83	202	1211364	38.803	ng		98
80) Butylbenzylphthalate	20.72	149	453701	32.668	ng		98
81) Benzo(a)anthracene	21.67	228	1194089	38.972	ng		100
82) 3,3'-Dichlorobenzidine	21.58	252	456245	38.491	ng		100
83) Chrysene	21.74	228	1136109	38.818	ng		99
84) Bis(2-ethylhexyl)phthalate	21.59	149	645204	33.662	ng		98
85) Di-n-octyl phthalate	22.81	149	1088010	33.921	ng		99
86) Indeno(1,2,3-cd)pyrene	28.55	276	1505132	39.226	ng	#	94
88) Benzo(b)fluoranthene	23.88	252	1296340	40.956	ng		99
89) Benzo(k)fluoranthene	23.95	252	1201454	40.110	ng		98
90) Benzo(a)pyrene	24.75	252	1205843	40.714	ng		97
91) Dibenzo(a,h)anthracene	28.61	278	1201459	41.119	ng	#	96
92) Benzo(g,h,i)perylene	29.68	276	1200666	40.672	ng		98

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

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