Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022420\
Data File : BG044571.D
Acq On : 24 Feb 2020 14:31
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Quant Time: Feb 24 15:19:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 14:08:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	63199	20.00	ng		0.00
21) Naphthalene-d8	10.67	136	244164	20.00	ng		0.00
39) Acenaphthene-d10	14.52	164	156327	20.00	ng		0.00
64) Phenanthrene-d10	17.26	188	341409	20.00	ng		0.00
76) Chrysene-d12	21.51	240	309829	20.00	ng		0.00
87) Perylene-d12	24.58	264	356572	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	601804	168.05	ng		0.00
7) Phenol-d6	7.05	99	816964	169.89	ng		0.00
23) Nitrobenzene-d5	9.03	82	754356	174.42	ng		0.00
42) 2,4,6-Tribromophenol	16.01	330	364046	198.37	ng		0.00
45) 2-Fluorobiphenyl	13.14	172	1640468	175.72	ng		0.00
79) Terphenyl-d14	19.88	244	2329544	154.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	128667	79.971	ng		100
3) Pyridine	3.73	79	351828	82.078	ng		97
4) n-Nitrosodimethylamine	3.64	42	141777	79.151	ng		98
6) Aniline	7.20	93	507058	84.950	ng		98
8) 2-Chlorophenol	7.44	128	326569	82.978	ng		98
9) Benzaldehyde	7.01	77	198997	72.660	ng		98
10) Phenol	7.08	94	400267	84.106	ng		99
11) bis(2-Chloroethyl)ether	7.30	93	329525	80.991	ng		96
12) 1,3-Dichlorobenzene	7.77	146	391476	83.311	ng		98
13) 1,4-Dichlorobenzene	7.91	146	393846	84.625	ng		99
14) 1,2-Dichlorobenzene	8.23	146	370291	84.176	ng		97
15) Benzyl Alcohol	8.12	79	290901	85.447	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.41	45	450201	81.753	ng		98
17) 2-Methylphenol	8.32	107	285015	83.939	ng		97
18) Hexachloroethane	8.96	117	145385	83.246	ng		97
19) n-Nitroso-di-n-propylamine	8.69	70	260917	81.414	ng		98
20) 3+4-Methylphenols	8.66	107	396742	84.783	ng		99
22) Acetophenone	8.70	105	481953	81.140	ng	#	98
24) Nitrobenzene	9.08	77	365607	86.593	ng		100
25) Isophorone	9.60	82	705536	87.525	ng		98
26) 2-Nitrophenol	9.79	139	204214	93.214	ng		97
27) 2,4-Dimethylphenol	9.86	122	282764	91.434	ng		99
28) bis(2-Chloroethoxy)methane	10.09	93	463471	86.188	ng		98
29) 2,4-Dichlorophenol	10.33	162	339767	90.861	ng		97
30) 1,2,4-Trichlorobenzene	10.54	180	386791	90.208	ng		98
31) Naphthalene	10.73	128	1048663	88.524	ng		97
32) Benzoic acid	10.06	122	169542	102.779	ng		98
33) 4-Chloroaniline	10.83	127	473622	87.909	ng		98
34) Hexachlorobutadiene	11.02	225	248607	94.227	ng		98
35) Caprolactam	11.63	113	124120	90.611	ng		93
36) 4-Chloro-3-methylphenol	11.98	107	345320	88.078	ng		99
37) 2-Methylnaphthalene	12.34	142	773528	87.947	ng		97
38) 1-Methylnaphthalene	12.56	142	726970	87.669	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	420545	89.932	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	203463	90.678 ng	99
43) 2,4,6-Trichlorophenol	12.95	196	282763	93.549 ng	100
44) 2,4,5-Trichlorophenol	13.03	196	292997	94.904 ng	98
46) 1,1'-Biphenyl	13.35	154	1009395	89.517 ng	96
47) 2-Chloronaphthalene	13.39	162	794421	88.535 ng	97
48) 2-Nitroaniline	13.59	65	232084	87.642 ng	98
49) Acenaphthylene	14.24	152	1160165	88.153 ng	97
50) Dimethylphthalate	13.98	163	975482	86.808 ng	99
51) 2,6-Dinitrotoluene	14.09	165	225395	89.959 ng	98
52) Acenaphthene	14.59	154	754089	88.399 ng	100
53) 3-Nitroaniline	14.43	138	245005	88.386 ng	99
54) 2,4-Dinitrophenol	14.63	184	135098	108.610 ng	98
55) Dibenzofuran	14.92	168	1126098	87.189 ng	97
56) 4-Nitrophenol	14.75	139	187022	92.107 ng	97
57) 2,4-Dinitrotoluene	14.89	165	317401	90.384 ng	99
58) Fluorene	15.57	166	896667	88.145 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.15	232	268675	96.346 ng	99
60) Diethylphthalate	15.34	149	972076	86.815 ng	98
61) 4-Chlorophenyl-phenylether	15.56	204	496044	89.933 ng	97
62) 4-Nitroaniline	15.59	138	250828	90.556 ng	96
63) Azobenzene	15.86	77	828348	84.409 ng	97
65) 4,6-Dinitro-2-methylphenol	15.66	198	186234	98.820 ng	96
66) n-Nitrosodiphenylamine	15.78	169	830722	86.825 ng	98
67) 4-Bromophenyl-phenylether	16.46	248	341097	91.702 ng	99
68) Hexachlorobenzene	16.58	284	384377	92.239 ng	99
69) Atrazine	16.73	200	309410	94.350 ng	98
70) Pentachlorophenol	16.93	266	187990	97.350 ng	99
71) Phenanthrene	17.31	178	1442875	87.277 ng	96
72) Anthracene	17.40	178	1420608	86.915 ng	96
73) Carbazole	17.67	167	1321921	87.731 ng	98
74) Di-n-butylphthalate	18.23	149	1608755	86.398 ng	96
75) Fluoranthene	19.32	202	1685533	88.134 ng	96
77) Benzidine	19.50	184	839399	97.674 ng	95
78) Pyrene	19.68	202	1686280	84.749 ng	94
80) Butylbenzylphthalate	20.57	149	774588	85.425 ng	95
81) Benzo(a)anthracene	21.49	228	1662114	87.044 ng	96
82) 3,3'-Dichlorobenzidine	21.41	252	676661	91.305 ng	98
83) Chrysene	21.56	228	1618578	87.694 ng	94
84) Bis(2-ethylhexyl)phthalate	21.41	149	1030714	82.586 ng	96
85) Di-n-octyl phthalate	22.57	149	1845633	85.469 ng	98
86) Indeno(1,2,3-cd)pyrene	28.07	276	2207046	91.654 ng	99
88) Benzo(b)fluoranthene	23.61	252	1825907	88.865 ng	97
89) Benzo(k)fluoranthene	23.68	252	1792129	89.491 ng	98
90) Benzo(a)pyrene	24.44	252	1750483	90.106 ng	99
91) Dibenzo(a,h)anthracene	28.12	278	1771311	92.130 ng	99
92) Benzo(g,h,i)perylene	29.16	276	1771073	92.020 ng	100

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

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