Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
Data File : BG044982.D
Acq On : 15 Apr 2020 14:59
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: Apr 15 15:46:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 14:56:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	82354	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	326571	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	238700	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	579399	20.00	ng		0.00
76) Chrysene-d12	21.67	240	561698	20.00	ng		0.00
87) Perylene-d12	24.86	264	622870	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	496164	93.79	ng		0.00
7) Phenol-d6	7.19	99	711463	92.56	ng		0.00
23) Nitrobenzene-d5	9.18	82	706882	94.98	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	369888	118.35	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1603337	96.19	ng		0.00
79) Terphenyl-d14	20.02	244	2530061	84.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	113764	44.656	ng		98
3) Pyridine	3.88	79	339869	45.065	ng		98
4) n-Nitrosodimethylamine	3.80	42	101624	35.514	ng		95
6) Aniline	7.34	93	460981	48.197	ng		98
8) 2-Chlorophenol	7.59	128	254822	48.252	ng		99
9) Benzaldehyde	7.16	77	196795	43.876	ng		98
10) Phenol	7.21	94	352595	46.334	ng		99
11) bis(2-Chloroethyl)ether	7.44	93	282233	46.471	ng		97
12) 1,3-Dichlorobenzene	7.91	146	302039	46.428	ng		97
13) 1,4-Dichlorobenzene	8.06	146	301923	46.944	ng		99
14) 1,2-Dichlorobenzene	8.38	146	287316	47.103	ng		97
15) Benzyl Alcohol	8.26	79	296126	48.016	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	274948	25.654	ng		97
17) 2-Methylphenol	8.47	107	268458	52.080	ng		94
18) Hexachloroethane	9.11	117	114291	45.137	ng		92
19) n-Nitroso-di-n-propylamine	8.83	70	248540	45.793	ng		97
20) 3+4-Methylphenols	8.79	107	383507	53.971	ng		99
22) Acetophenone	8.84	105	436729	47.205	ng	#	97
24) Nitrobenzene	9.22	77	363787	47.110	ng		97
25) Isophorone	9.75	82	724961	49.912	ng		98
26) 2-Nitrophenol	9.94	139	161551	64.157	ng		99
27) 2,4-Dimethylphenol	10.00	122	247997	52.430	ng		96
28) bis(2-Chloroethoxy)methane	10.23	93	386517	44.590	ng		96
29) 2,4-Dichlorophenol	10.48	162	284812	51.552	ng		96
30) 1,2,4-Trichlorobenzene	10.70	180	331141	50.127	ng		98
31) Naphthalene	10.89	128	878008	48.534	ng		98
32) Benzoic acid	10.15	122	191713	58.457	ng		92
33) 4-Chloroaniline	10.98	127	408202	50.084	ng		98
34) Hexachlorobutadiene	11.18	225	222048	51.113	ng		98
35) Caprolactam	11.75	113	113777	54.393	ng		89
36) 4-Chloro-3-methylphenol	12.11	107	333738	50.650	ng		100
37) 2-Methylnaphthalene	12.49	142	675928	49.949	ng		96
38) 1-Methylnaphthalene	12.71	142	643928	50.615	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	372731	47.415	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	237616	55.309 ng	98
43) 2,4,6-Trichlorophenol	13.10	196	267565	51.287 ng	96
44) 2,4,5-Trichlorophenol	13.17	196	306523	56.654 ng	97
46) 1,1'-Biphenyl	13.49	154	890080	46.662 ng	99
47) 2-Chloronaphthalene	13.54	162	672649	46.161 ng	98
48) 2-Nitroaniline	13.73	65	228140	44.720 ng	99
49) Acenaphthylene	14.38	152	1103997	48.360 ng	98
50) Dimethylphthalate	14.11	163	945359	49.726 ng	98
51) 2,6-Dinitrotoluene	14.22	165	216007	56.368 ng	97
52) Acenaphthene	14.73	154	749573	50.136 ng	97
53) 3-Nitroaniline	14.55	138	237295	53.860 ng	96
54) 2,4-Dinitrophenol	14.76	184	134854	79.122 ng	95
55) Dibenzofuran	15.06	168	1086352	50.107 ng	98
56) 4-Nitrophenol	14.86	139	184408	54.844 ng	98
57) 2,4-Dinitrotoluene	15.02	165	315769	60.082 ng	95
58) Fluorene	15.71	166	894802	50.172 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	273256	54.858 ng	99
60) Diethylphthalate	15.48	149	996050	50.233 ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	506813	52.775 ng	98
62) 4-Nitroaniline	15.72	138	246174	52.401 ng	99
63) Azobenzene	15.99	77	912191	44.300 ng	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	196976	78.505 ng	96
66) n-Nitrosodiphenylamine	15.91	169	817394	46.858 ng	99
67) 4-Bromophenyl-phenylether	16.60	248	359858	49.681 ng	95
68) Hexachlorobenzene	16.72	284	378013	48.104 ng	97
69) Atrazine	16.86	200	305835	47.854 ng	99
70) Pentachlorophenol	17.06	266	240713	55.673 ng	98
71) Phenanthrene	17.45	178	1460911	47.184 ng	99
72) Anthracene	17.54	178	1455359	47.669 ng	99
73) Carbazole	17.81	167	1448767	49.401 ng	100
74) Di-n-butylphthalate	18.37	149	1699539	47.673 ng	98
75) Fluoranthene	19.46	202	1815667	49.251 ng	98
77) Benzidine	19.63	184	825208	45.254 ng	98
78) Pyrene	19.82	202	1820485	44.176 ng	98
80) Butylbenzylphthalate	20.70	149	790696	43.129 ng	96
81) Benzo(a)anthracene	21.65	228	1787220	44.187 ng	99
82) 3,3'-Dichlorobenzidine	21.57	252	713132	45.575 ng	99
83) Chrysene	21.72	228	1709407	44.245 ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	1081170	42.730 ng	99
85) Di-n-octyl phthalate	22.78	149	1880990	44.425 ng	99
86) Indeno(1,2,3-cd)pyrene	28.49	276	2268024	44.777 ng	99
88) Benzo(b)fluoranthene	23.86	252	1928948	46.910 ng	98
89) Benzo(k)fluoranthene	23.92	252	1830364	47.036 ng	99
90) Benzo(a)pyrene	24.71	252	1822086	47.356 ng	99
91) Dibenzo(a,h)anthracene	28.56	278	1817079	47.869 ng	97
92) Benzo(g,h,i)perylene	29.62	276	1820022	47.456 ng	99

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

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