Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
Data File : BG044580.D
Acq On : 25 Feb 2020 17:11
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 26 04:59:27 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 16:11:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	67382	20.00	ng		0.00
21) Naphthalene-d8	10.68	136	304835	20.00	ng		0.00
39) Acenaphthene-d10	14.52	164	210961	20.00	ng		0.00
64) Phenanthrene-d10	17.26	188	469981	20.00	ng		0.00
76) Chrysene-d12	21.50	240	422180	20.00	ng		0.00
87) Perylene-d12	24.57	264	476636	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	305287	72.69	ng		0.00
7) Phenol-d6	7.05	99	467614	81.35	ng		0.00
23) Nitrobenzene-d5	9.03	82	448720	75.84	ng		0.00
42) 2,4,6-Tribromophenol	16.01	330	228518	76.40	ng		0.00
45) 2-Fluorobiphenyl	13.14	172	1071273	72.72	ng		0.00
79) Terphenyl-d14	19.88	244	1653330	74.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	61467	33.541	ng		99
3) Pyridine	3.72	79	192668	37.678	ng		97
4) n-Nitrosodimethylamine	3.64	42	78773	40.560	ng		99
6) Aniline	7.20	93	287750	41.114	ng		98
8) 2-Chlorophenol	7.44	128	182319	39.769	ng		99
9) Benzaldehyde	7.01	77	124319	36.778	ng		98
10) Phenol	7.08	94	226598	40.676	ng		99
11) bis(2-Chloroethyl)ether	7.30	93	190030	40.577	ng		98
12) 1,3-Dichlorobenzene	7.77	146	209838	38.377	ng		99
13) 1,4-Dichlorobenzene	7.91	146	209021	38.037	ng		99
14) 1,2-Dichlorobenzene	8.23	146	203261	38.896	ng		97
15) Benzyl Alcohol	8.11	79	166567	42.964	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.41	45	263350	41.842	ng		98
17) 2-Methylphenol	8.32	107	165566	41.603	ng		96
18) Hexachloroethane	8.96	117	78428	39.053	ng		97
19) n-Nitroso-di-n-propylamine	8.68	70	157723	42.684	ng		98
20) 3+4-Methylphenols	8.65	107	230263	42.261	ng		99
22) Acetophenone	8.70	105	293665	38.370	ng	#	99
24) Nitrobenzene	9.08	77	215945	37.670	ng		99
25) Isophorone	9.60	82	429451	38.797	ng		98
26) 2-Nitrophenol	9.79	139	120382	38.722	ng		97
27) 2,4-Dimethylphenol	9.86	122	165192	37.843	ng		98
28) bis(2-Chloroethoxy)methane	10.08	93	279924	38.241	ng		99
29) 2,4-Dichlorophenol	10.33	162	199720	38.270	ng		99
30) 1,2,4-Trichlorobenzene	10.54	180	221973	36.778	ng		97
31) Naphthalene	10.72	128	621467	37.362	ng		99
32) Benzoic acid	10.03	122	88875	51.639	ng		97
33) 4-Chloroaniline	10.83	127	290108	39.598	ng		97
34) Hexachlorobutadiene	11.02	225	135855	35.843	ng		99
35) Caprolactam	11.61	113	77645	41.560	ng		94
36) 4-Chloro-3-methylphenol	11.97	107	218104	40.600	ng		98
37) 2-Methylnaphthalene	12.34	142	474357	38.587	ng		99
38) 1-Methylnaphthalene	12.56	142	452676	38.753	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	257395	36.242	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	102375	35.589	ng	99
43) 2,4,6-Trichlorophenol	12.95	196	175777	38.118	ng	99
44) 2,4,5-Trichlorophenol	13.03	196	180881	38.184	ng	98
46) 1,1'-Biphenyl	13.35	154	637936	36.541	ng	98
47) 2-Chloronaphthalene	13.39	162	500704	36.575	ng	98
48) 2-Nitroaniline	13.59	65	150406	39.579	ng	94
49) Acenaphthylene	14.24	152	749312	37.080	ng	100
50) Dimethylphthalate	13.98	163	646636	37.976	ng	100
51) 2,6-Dinitrotoluene	14.09	165	141805	37.761	ng	97
52) Acenaphthene	14.58	154	475892	36.944	ng	99
53) 3-Nitroaniline	14.42	138	156545	38.653	ng	99
54) 2,4-Dinitrophenol	14.64	184	82179	41.797	ng	98
55) Dibenzofuran	14.92	168	741994	37.573	ng	99
56) 4-Nitrophenol	14.75	139	117183	42.063	ng	98
57) 2,4-Dinitrotoluene	14.88	165	206313	39.077	ng	99
58) Fluorene	15.56	166	589085	37.622	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.15	232	166531	38.175	ng	97
60) Diethylphthalate	15.34	149	652108	38.652	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	319722	37.554	ng	99
62) 4-Nitroaniline	15.59	138	161478	39.819	ng	95
63) Azobenzene	15.85	77	551604	38.417	ng	99
65) 4,6-Dinitro-2-methylphenol	15.65	198	118053	40.567	ng	96
66) n-Nitrosodiphenylamine	15.78	169	541225	36.918	ng	100
67) 4-Bromophenyl-phenylether	16.45	248	218167	37.397	ng	97
68) Hexachlorobenzene	16.58	284	243583	36.931	ng	97
69) Atrazine	16.73	200	192698	35.556	ng	99
70) Pentachlorophenol	16.92	266	122615	41.811	ng	98
71) Phenanthrene	17.30	178	965332	37.100	ng	99
72) Anthracene	17.40	178	962914	37.552	ng	98
73) Carbazole	17.67	167	883676	37.861	ng	99
74) Di-n-butylphthalate	18.23	149	1122127	38.366	ng	99
75) Fluoranthene	19.32	202	1146990	37.238	ng	99
77) Benzidine	19.49	184	506451	35.020	ng	99
78) Pyrene	19.68	202	1147427	37.441	ng	98
80) Butylbenzylphthalate	20.57	149	509076	37.976	ng	99
81) Benzo(a)anthracene	21.49	228	1085739	36.591	ng	99
82) 3,3'-Dichlorobenzidine	21.40	252	432323	36.880	ng	99
83) Chrysene	21.55	228	1049339	36.577	ng	99
84) Bis(2-ethylhexyl)phthalate	21.41	149	694033	37.574	ng	99
85) Di-n-octyl phthalate	22.56	149	1222753	37.626	ng	99
86) Indeno(1,2,3-cd)pyrene	28.05	276	1339941	36.394	ng	99
88) Benzo(b)fluoranthene	23.61	252	1171663	37.388	ng	99
89) Benzo(k)fluoranthene	23.67	252	1125494	37.015	ng	100
90) Benzo(a)pyrene	24.43	252	1097061	37.260	ng	100
91) Dibenzo(a,h)anthracene	28.10	278	1085650	37.282	ng	98
92) Benzo(g,h,i)perylene	29.14	276	1089809	37.354	ng	99

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

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