Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111918\
Data File : BG038061.D
Acq On : 19 Nov 2018 14:02
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Nov 19 14:38:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	44690	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	197620	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	120533	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	273152	20.00	ng		0.00
76) Chrysene-d12	21.75	240	254608	20.00	ng		0.00
87) Perylene-d12	25.07	264	268419	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	219020	84.62	ng		0.00
7) Phenol-d6	7.24	99	312478	84.57	ng		0.00
23) Nitrobenzene-d5	9.27	82	310658	84.15	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	109922	79.96	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	689470	83.33	ng		0.00
79) Terphenyl-d14	20.07	244	904176	83.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	47660	38.983	ng		99
3) Pyridine	3.92	79	139752	40.072	ng		99
4) n-Nitrosodimethylamine	3.85	42	54800	43.311	ng		99
6) Aniline	7.41	93	197972	41.516	ng		97
8) 2-Chlorophenol	7.65	128	126107	41.988	ng		98
9) Benzaldehyde	7.23	77	105702	39.560	ng		97
10) Phenol	7.26	94	165953	42.405	ng		99
11) bis(2-Chloroethyl)ether	7.51	93	134633	42.139	ng		98
12) 1,3-Dichlorobenzene	7.98	146	144807	41.852	ng		96
13) 1,4-Dichlorobenzene	8.12	146	147524	42.209	ng		99
14) 1,2-Dichlorobenzene	8.44	146	139808	41.898	ng		99
15) Benzyl Alcohol	8.33	79	119503	44.699	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	260233	43.864	ng		97
17) 2-Methylphenol	8.52	107	110664	41.825	ng		96
18) Hexachloroethane	9.17	117	53966	42.426	ng		94
19) n-Nitroso-di-n-propylamine	8.89	70	111474	41.697	ng		98
20) 3+4-Methylphenols	8.85	107	157341	41.949	ng		98
22) Acetophenone	8.92	105	205048	41.703	ng	#	97
24) Nitrobenzene	9.31	77	159478	42.229	ng		95
25) Isophorone	9.82	82	271633	40.879	ng		98
26) 2-Nitrophenol	10.01	139	76492	40.572	ng		96
27) 2,4-Dimethylphenol	10.06	122	118547	41.733	ng		99
28) bis(2-Chloroethoxy)methane	10.31	93	176097	41.445	ng		98
29) 2,4-Dichlorophenol	10.55	162	132869	41.585	ng		99
30) 1,2,4-Trichlorobenzene	10.76	180	148971	41.607	ng		98
31) Naphthalene	10.96	128	402587	41.419	ng		100
32) Benzoic acid	10.19	122	68614	40.208	ng		98
33) 4-Chloroaniline	11.07	127	184326	40.768	ng		96
34) Hexachlorobutadiene	11.22	225	90616	41.122	ng		100
35) Caprolactam	11.86	113	52024	40.679	ng	#	92
36) 4-Chloro-3-methylphenol	12.17	107	146144	41.867	ng		97
37) 2-Methylnaphthalene	12.55	142	286223	40.995	ng		99
38) 1-Methylnaphthalene	12.78	142	278306	41.411	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	167449	41.575	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	84400	39.133	ng		100
43) 2,4,6-Trichlorophenol	13.16	196	112044	40.824	ng		99
44) 2,4,5-Trichlorophenol	13.23	196	120954	41.884	ng		98
46) 1,1'-Biphenyl	13.56	154	421673	41.642	ng		99
47) 2-Chloronaphthalene	13.60	162	317487	41.088	ng		100
48) 2-Nitroaniline	13.82	65	106683	43.868	ng		97
49) Acenaphthylene	14.45	152	487566	41.960	ng		99
50) Dimethylphthalate	14.17	163	388816	40.690	ng		100
51) 2,6-Dinitrotoluene	14.30	165	89765	41.506	ng		96
52) Acenaphthene	14.79	154	294634	42.118	ng		97
53) 3-Nitroaniline	14.64	138	99398	41.652	ng	#	96
54) 2,4-Dinitrophenol	14.84	184	37230	37.479	ng		99
55) Dibenzofuran	15.12	168	477323	41.265	ng		99
56) 4-Nitrophenol	14.93	139	69944	38.002	ng		100
57) 2,4-Dinitrotoluene	15.09	165	124156	42.194	ng		97
58) Fluorene	15.77	166	357529	41.426	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	97871	40.502	ng		98
60) Diethylphthalate	15.53	149	408360	40.235	ng		100
61) 4-Chlorophenyl-phenylether	15.76	204	206845	40.959	ng		100
62) 4-Nitroaniline	15.80	138	100044	42.200	ng		96
63) Azobenzene	16.05	77	383217	42.229	ng		99
65) 4,6-Dinitro-2-methylphenol	15.84	198	65384	37.845	ng		94
66) n-Nitrosodiphenylamine	15.97	169	347590	42.063	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	128370	42.817	ng		97
68) Hexachlorobenzene	16.77	284	127323	41.143	ng		99
69) Atrazine	16.91	200	129001	42.347	ng		97
70) Pentachlorophenol	17.11	266	80145	38.132	ng		96
71) Phenanthrene	17.51	178	581372	41.571	ng		100
72) Anthracene	17.60	178	577534	41.894	ng		98
73) Carbazole	17.88	167	585148	42.307	ng		100
74) Di-n-butylphthalate	18.41	149	662556	42.675	ng		100
75) Fluoranthene	19.52	202	673684	42.222	ng		99
77) Benzidine	19.70	184	382243	42.785	ng		99
78) Pyrene	19.88	202	684070	41.094	ng		99
80) Butylbenzylphthalate	20.75	149	303023	41.625	ng		99
81) Benzo(a)anthracene	21.73	228	642575	41.763	ng		100
82) 3,3'-Dichlorobenzidine	21.65	252	250484	41.793	ng		100
83) Chrysene	21.80	228	613477	41.673	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	428141	41.240	ng		100
85) Di-n-octyl phthalate	22.84	149	717055	42.693	ng		100
86) Indeno(1,2,3-cd)pyrene	28.88	276	690878	42.255	ng		99
88) Benzo(b)fluoranthene	24.01	252	623322	42.198	ng		99
89) Benzo(k)fluoranthene	24.08	252	621811	42.661	ng		98
90) Benzo(a)pyrene	24.92	252	601334	42.598	ng		99
91) Dibenzo(a,h)anthracene	28.95	278	573574	42.228	ng		97
92) Benzo(g,h,i)perylene	30.09	276	570510	42.243	ng		98

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

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