Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
Data File : BG035212.D
Acq On : 18 Jun 2018 10:43
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
6/19/2018 6:01:18 PM

Quant Time: Jun 18 16:35:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	40242	20.00	ng		-0.01
21) Naphthalene-d8	10.86	136	167432	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	123411	20.00	ng		-0.01
63) Phenanthrene-d10	17.43	188	421287	20.00	ng		-0.01
75) Chrysene-d12	21.70	240	422572	20.00	ng		-0.02
86) Perylene-d12	24.92	264	414986	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	189319	79.39	ng		-0.01
7) Phenol-d6	7.22	99	282342	80.22	ng		0.00
23) Nitrobenzene-d5	9.22	82	290882	82.58	ng		-0.02
41) 2,4,6-Tribromophenol	16.17	330	163729	103.64	ng		-0.01
44) 2-Fluorobiphenyl	13.31	172	698932	73.62	ng		-0.02
78) Terphenyl-d14	20.03	244	1804026	89.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	44905	39.469	ng	#	71
3) Pyridine	3.95	79	128856	41.976	ng	#	76
4) n-Nitrosodimethylamine	3.86	42	44136	33.467	ng	#	76
6) Aniline	7.39	93	179290	39.410	ng		95
8) 2-Chlorophenol	7.62	128	98914	39.573	ng		97
9) Benzaldehyde	7.20	77	95259	35.139	ng		94
10) Phenol	7.24	94	147204	40.416	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	107006	37.852	ng		84
12) 1,3-Dichlorobenzene	7.95	146	116527	39.073	ng		99
13) 1,4-Dichlorobenzene	8.10	146	119112	38.690	ng		92
14) 1,2-Dichlorobenzene	8.42	146	112360	38.855	ng		95
15) Benzyl Alcohol	8.29	79	124207	37.245	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.58	45	101274m	35.993	ng		
17) 2-Methylphenol	8.49	107	96350	40.124	ng	#	93
18) Hexachloroethane	9.15	117	40945	37.150	ng	#	85
19) n-Nitroso-di-n-propylamine	8.86	70	110054	36.807	ng	#	82
20) 3+4-Methylphenols	8.82	107	135648	39.410	ng		91
22) Acetophenone	8.88	105	193237	37.257	ng	#	91
24) Nitrobenzene	9.26	77	148233	41.097	ng		96
25) Isophorone	9.78	82	271817	36.551	ng		100
26) 2-Nitrophenol	9.97	139	62599	50.350	ng	#	93
27) 2,4-Dimethylphenol	10.02	122	97778	37.416	ng		94
28) bis(2-Chloroethoxy)methane	10.27	93	154401	38.635	ng		96
29) 2,4-Dichlorophenol	10.51	162	114949	40.425	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	133244	39.079	ng		95
31) Naphthalene	10.92	128	331481	38.110	ng		98
32) Benzoic acid	10.15	122	85788	49.010	ng		94
33) 4-Chloroaniline	11.02	127	148496	39.319	ng		95
34) Hexachlorobutadiene	11.20	225	101567	38.302	ng		96
35) Caprolactam	11.79	113	55599	52.907	ng	#	64
36) 4-Chloro-3-methylphenol	12.13	107	151948	42.868	ng		95
37) 2-Methylnaphthalene	12.52	142	257765	39.088	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	178319	38.792	ng		99
40) Hexachlorocyclopentadiene	12.86	237	104962	36.412	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	117180	42.573	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	133993	44.353	ng		97
45) 1,1'-Biphenyl	13.52	154	374927	37.782	ng		99
46) 2-Chloronaphthalene	13.56	162	285795	38.092	ng		99
47) 2-Nitroaniline	13.76	65	108152	48.816	ng		94
48) Acenaphthylene	14.41	152	488217	38.807	ng		98
49) Dimethylphthalate	14.14	163	446168	41.458	ng	#	99
50) 2,6-Dinitrotoluene	14.25	165	99124	50.488	ng	#	87
51) Acenaphthene	14.75	154	340727	41.452	ng		98
52) 3-Nitroaniline	14.58	138	110042	57.119	ng	#	95
53) 2,4-Dinitrophenol	14.78	184	55020	69.245	ng	#	68
54) Dibenzofuran	15.08	168	498587	40.500	ng		96
55) 4-Nitrophenol	14.88	139	99601	61.258	ng	#	89
56) 2,4-Dinitrotoluene	15.04	165	159137	61.018	ng	#	85
57) Fluorene	15.73	166	437319	42.506	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	144138	49.113	ng		93
59) Diethylphthalate	15.49	149	490688	44.690	ng		100
60) 4-Chlorophenyl-phenylether	15.72	204	247472	42.182	ng		98
61) 4-Nitroaniline	15.75	138	129888	62.867	ng	#	81
62) Azobenzene	16.01	77	433946	40.331	ng		95
64) 4,6-Dinitro-2-methylphenol	15.80	198	103891	54.012	ng		85
65) n-Nitrosodiphenylamine	15.93	169	427873	33.819	ng		97
66) 4-Bromophenyl-phenylether	16.62	248	173448	34.188	ng		99
67) Hexachlorobenzene	16.73	284	184153	35.663	ng		93
68) Atrazine	16.88	200	234286	43.424	ng		98
69) Pentachlorophenol	17.07	266	148711	42.828	ng		99
70) Phenanthrene	17.47	178	795357	37.165	ng		96
71) Anthracene	17.56	178	815970	38.064	ng		98
72) Carbazole	17.83	167	863008	43.390	ng		98
73) Di-n-butylphthalate	18.38	149	1043503	44.017	ng	#	98
74) Fluoranthene	19.48	202	1243413	44.651	ng		96
76) Benzidine	19.65	184	485561	30.886	ng		98
77) Pyrene	19.84	202	1250782	44.899	ng		95
79) Butylbenzylphthalate	20.72	149	411408	40.670	ng		98
80) Benzo(a)anthracene	21.67	228	1022630	37.870	ng		98
81) 3,3'-Dichlorobenzidine	21.59	252	369962	36.416	ng	#	98
82) Chrysene	21.74	228	930031	37.617	ng		99
83) Bis(2-ethylhexyl)phthalate	21.58	149	498416	34.870	ng		99
84) Di-n-octyl phthalate	22.80	149	891646	36.361	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.59	276	1087356	37.552	ng	#	88
87) Benzo(b)fluoranthene	23.89	252	964907	37.757	ng	#	96
88) Benzo(k)fluoranthene	23.96	252	936747	37.471	ng	#	96
89) Benzo(a)pyrene	24.77	252	896158	37.266	ng	#	97
90) Dibenzo(a,h)anthracene	28.66	278	892320	37.589	ng	#	97
91) Benzo(g,h,i)perylene	29.75	276	883327	38.022	ng	#	93

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

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