Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
Data File : BG035231.D
Acq On : 19 Jun 2018 00:22
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/19/2018 6:01:11 PM

Quant Time: Jun 19 06:43:56 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	60199	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	236402	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	152755	20.00	ng		-0.01
63) Phenanthrene-d10	17.43	188	374706	20.00	ng		-0.01
75) Chrysene-d12	21.70	240	471477	20.00	ng		-0.02
86) Perylene-d12	24.92	264	484497	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	285389	80.01	ng		-0.01
7) Phenol-d6	7.22	99	412077	78.27	ng		0.00
23) Nitrobenzene-d5	9.23	82	428678	86.20	ng		-0.01
41) 2,4,6-Tribromophenol	16.17	330	161414	82.55	ng		-0.01
44) 2-Fluorobiphenyl	13.31	172	915552	77.92	ng		-0.02
78) Terphenyl-d14	20.03	244	1547127	68.74	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	71794	42.184	ng	#	68
3) Pyridine	3.95	79	182051	39.644	ng	#	73
4) n-Nitrosodimethylamine	3.87	42	70300	35.634	ng	#	72
6) Aniline	7.39	93	257038	37.769	ng		98
8) 2-Chlorophenol	7.62	128	143418	38.356	ng		96
9) Benzaldehyde	7.20	77	135841	33.497	ng		97
10) Phenol	7.24	94	210269	38.592	ng		93
11) bis(2-Chloroethyl)ether	7.48	93	162612	38.452	ng		89
12) 1,3-Dichlorobenzene	7.95	146	176920	39.657	ng		98
13) 1,4-Dichlorobenzene	8.10	146	182360	39.597	ng		97
14) 1,2-Dichlorobenzene	8.42	146	167947	38.824	ng		94
15) Benzyl Alcohol	8.30	79	184028	36.889	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.59	45	153340m	36.431	ng		
17) 2-Methylphenol	8.49	107	137984	38.412	ng		94
18) Hexachloroethane	9.15	117	65257	39.579	ng		83
19) n-Nitroso-di-n-propylamine	8.86	70	155828	34.838	ng	#	86
20) 3+4-Methylphenols	8.83	107	193696	37.619	ng		91
22) Acetophenone	8.88	105	276834	37.803	ng	#	92
24) Nitrobenzene	9.26	77	209065	41.052	ng		94
25) Isophorone	9.79	82	375461	35.758	ng		99
26) 2-Nitrophenol	9.97	139	85010	48.427	ng	#	86
27) 2,4-Dimethylphenol	10.03	122	130840	35.460	ng		91
28) bis(2-Chloroethoxy)methane	10.27	93	213681	37.869	ng		97
29) 2,4-Dichlorophenol	10.51	162	159984	39.848	ng		94
30) 1,2,4-Trichlorobenzene	10.73	180	191208	39.718	ng		96
31) Naphthalene	10.92	128	463593	37.749	ng		98
32) Benzoic acid	10.17	122	98876	40.007	ng		96
33) 4-Chloroaniline	11.02	127	199938	37.495	ng	#	93
34) Hexachlorobutadiene	11.20	225	151446	40.450	ng		91
35) Caprolactam	11.79	113	51772	34.892	ng	#	67
36) 4-Chloro-3-methylphenol	12.14	107	184286	36.823	ng		93
37) 2-Methylnaphthalene	12.52	142	351217	37.721	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	242548	42.629	ng		99
40) Hexachlorocyclopentadiene	12.86	237	156148	43.763	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	143490	42.117	ng		94
43) 2,4,5-Trichlorophenol	13.19	196	153156	40.957	ng		98
45) 1,1'-Biphenyl	13.52	154	479321	39.023	ng		98
46) 2-Chloronaphthalene	13.56	162	368346	39.664	ng		97
47) 2-Nitroaniline	13.76	65	119236	43.480	ng		94
48) Acenaphthylene	14.41	152	595851	38.264	ng		98
49) Dimethylphthalate	14.14	163	478684	35.935	ng		99
50) 2,6-Dinitrotoluene	14.26	165	105065	43.234	ng	#	91
51) Acenaphthene	14.75	154	406874	39.990	ng		98
52) 3-Nitroaniline	14.58	138	102934	43.166	ng	#	97
53) 2,4-Dinitrophenol	14.78	184	48971	49.793	ng	#	66
54) Dibenzofuran	15.08	168	578145	37.941	ng		94
55) 4-Nitrophenol	14.88	139	83861	41.669	ng	#	86
56) 2,4-Dinitrotoluene	15.04	165	144485	44.757	ng	#	86
57) Fluorene	15.73	166	464884	36.505	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	147029	40.474	ng		92
59) Diethylphthalate	15.50	149	473601	34.848	ng		96
60) 4-Chlorophenyl-phenylether	15.72	204	279519	38.492	ng		99
61) 4-Nitroaniline	15.75	138	110955	43.387	ng	#	85
62) Azobenzene	16.01	77	451670	33.915	ng		95
64) 4,6-Dinitro-2-methylphenol	15.80	198	91436	53.446	ng		85
65) n-Nitrosodiphenylamine	15.94	169	428529	38.082	ng		98
66) 4-Bromophenyl-phenylether	16.62	248	178557	39.571	ng		97
67) Hexachlorobenzene	16.73	284	183358	39.923	ng		95
68) Atrazine	16.88	200	185493	38.655	ng		96
69) Pentachlorophenol	17.07	266	132685	42.963	ng		97
70) Phenanthrene	17.47	178	717069	37.672	ng		98
71) Anthracene	17.56	178	719676	37.746	ng		97
72) Carbazole	17.83	167	702294	39.699	ng		99
73) Di-n-butylphthalate	18.39	149	804055	38.133	ng	#	97
74) Fluoranthene	19.47	202	1005609	40.600	ng		97
76) Benzidine	19.65	184	487101	27.770	ng	#	96
77) Pyrene	19.84	202	1048242	33.725	ng		97
79) Butylbenzylphthalate	20.72	149	412956	36.589	ng		97
80) Benzo(a)anthracene	21.68	228	1124977	37.339	ng		97
81) 3,3'-Dichlorobenzidine	21.59	252	418928	36.958	ng	#	93
82) Chrysene	21.75	228	1047479	37.972	ng		97
83) Bis(2-ethylhexyl)phthalate	21.58	149	581299	36.450	ng	#	98
84) Di-n-octyl phthalate	22.80	149	994766	36.359	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.60	276	1267680	39.238	ng	#	88
87) Benzo(b)fluoranthene	23.90	252	1104336	37.013	ng	#	96
88) Benzo(k)fluoranthene	23.97	252	1102639	37.779	ng	#	96
89) Benzo(a)pyrene	24.77	252	1063469	37.879	ng	#	97
90) Dibenzo(a,h)anthracene	28.67	278	1045589	37.726	ng	#	95
91) Benzo(g,h,i)perylene	29.76	276	1020958	37.642	ng	#	94

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

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