Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
Data File : BG035516.D
Acq On : 29 Jun 2018 22:03
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/2/2018 12:35:18 PM

Quant Time: Jun 30 01:58:36 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	8.07	152	35220	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	150821	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	113352	20.00	ng		-0.01
63) Phenanthrene-d10	17.43	188	296550	20.00	ng		-0.01
75) Chrysene-d12	21.70	240	303883	20.00	ng		-0.02
86) Perylene-d12	24.92	264	302255	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	163135	78.17	ng		0.00
7) Phenol-d6	7.22	99	255403	82.92	ng		0.00
23) Nitrobenzene-d5	9.23	82	280174	88.30	ng		-0.01
41) 2,4,6-Tribromophenol	16.17	330	133941	92.31	ng		-0.01
44) 2-Fluorobiphenyl	13.31	172	674444	77.35	ng		-0.02
78) Terphenyl-d14	20.03	244	1133779	78.15	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	35196	35.347	ng	#	72
3) Pyridine	3.95	79	107475	40.003	ng	#	77
4) n-Nitrosodimethylamine	3.87	42	41140	35.643	ng	#	75
6) Aniline	7.39	93	158596	39.832	ng		96
8) 2-Chlorophenol	7.63	128	86138	39.376	ng		96
9) Benzaldehyde	7.21	77	85784	36.156	ng		98
10) Phenol	7.25	94	130234	40.855	ng		96
11) bis(2-Chloroethyl)ether	7.48	93	95969	38.788	ng		92
12) 1,3-Dichlorobenzene	7.96	146	101979	39.071	ng		97
13) 1,4-Dichlorobenzene	8.10	146	104969	38.958	ng		100
14) 1,2-Dichlorobenzene	8.42	146	101099	39.946	ng		96
15) Benzyl Alcohol	8.30	79	115793	39.673	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.59	45	89133m	36.195	ng		
17) 2-Methylphenol	8.50	107	86888	41.343	ng	#	90
18) Hexachloroethane	9.14	117	38880	40.306	ng		91
19) n-Nitroso-di-n-propylamine	8.87	70	101093	38.631	ng	#	84
20) 3+4-Methylphenols	8.83	107	125826	41.769	ng		91
22) Acetophenone	8.89	105	181876	38.929	ng	#	87
24) Nitrobenzene	9.27	77	137055	42.183	ng		92
25) Isophorone	9.79	82	248146	37.043	ng		97
26) 2-Nitrophenol	9.98	139	56867	50.777	ng	#	84
27) 2,4-Dimethylphenol	10.03	122	89284	37.928	ng		92
28) bis(2-Chloroethoxy)methane	10.27	93	139415	38.727	ng		95
29) 2,4-Dichlorophenol	10.51	162	108786	42.471	ng		91
30) 1,2,4-Trichlorobenzene	10.73	180	123682	40.269	ng		98
31) Naphthalene	10.92	128	311129	39.710	ng		98
32) Benzoic acid	10.18	122	56647	35.927	ng		88
33) 4-Chloroaniline	11.02	127	140398	41.269	ng	#	94
34) Hexachlorobutadiene	11.20	225	98805	41.365	ng		97
35) Caprolactam	11.80	113	40067	42.326	ng	#	61
36) 4-Chloro-3-methylphenol	12.14	107	137458	43.051	ng		94
37) 2-Methylnaphthalene	12.52	142	243135	40.931	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	176970	41.915	ng		98
40) Hexachlorocyclopentadiene	12.86	237	93686	35.384	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	107405	42.484	ng		97
43) 2,4,5-Trichlorophenol	13.20	196	115789	41.728	ng		95
45) 1,1'-Biphenyl	13.52	154	351701	38.586	ng		99
46) 2-Chloronaphthalene	13.56	162	268972	39.031	ng		98
47) 2-Nitroaniline	13.77	65	92926	45.666	ng		89
48) Acenaphthylene	14.41	152	454834	39.362	ng		98
49) Dimethylphthalate	14.14	163	377729	38.214	ng		98
50) 2,6-Dinitrotoluene	14.26	165	83920	46.537	ng		91
51) Acenaphthene	14.75	154	287887	38.132	ng		98
52) 3-Nitroaniline	14.59	138	84070	47.511	ng	#	97
53) 2,4-Dinitrophenol	14.79	184	35412	48.523	ng	#	68
54) Dibenzofuran	15.08	168	457979	40.503	ng		95
55) 4-Nitrophenol	14.90	139	62639	41.944	ng	#	81
56) 2,4-Dinitrotoluene	15.04	165	120774	50.418	ng	#	86
57) Fluorene	15.73	166	375727	39.760	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.31	232	118421	43.931	ng	#	91
59) Diethylphthalate	15.49	149	388295	38.503	ng		98
60) 4-Chlorophenyl-phenylether	15.72	204	227249	42.172	ng		98
61) 4-Nitroaniline	15.75	138	87376	46.043	ng	#	82
62) Azobenzene	16.01	77	363424	36.774	ng		94
64) 4,6-Dinitro-2-methylphenol	15.81	198	69518	51.344	ng		90
65) n-Nitrosodiphenylamine	15.94	169	348590	39.142	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	151823	42.513	ng		96
67) Hexachlorobenzene	16.73	284	155601	42.808	ng		95
68) Atrazine	16.88	200	144612	38.078	ng		98
69) Pentachlorophenol	17.07	266	95841	39.212	ng		97
70) Phenanthrene	17.47	178	601304	39.916	ng		98
71) Anthracene	17.56	178	589518	39.068	ng		98
72) Carbazole	17.83	167	543104	38.791	ng		99
73) Di-n-butylphthalate	18.38	149	621384	37.237	ng	#	98
74) Fluoranthene	19.47	202	763686	38.959	ng		96
76) Benzidine	19.65	184	358646	31.723	ng		98
77) Pyrene	19.84	202	778354	38.853	ng		99
79) Butylbenzylphthalate	20.72	149	274092	37.679	ng	#	94
80) Benzo(a)anthracene	21.67	228	762961	39.289	ng		98
81) 3,3'-Dichlorobenzidine	21.59	252	283681	38.829	ng	#	99
82) Chrysene	21.75	228	711486	40.017	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	376475	36.626	ng		98
84) Di-n-octyl phthalate	22.79	149	630660	35.763	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.59	276	827283	39.729	ng	#	93
87) Benzo(b)fluoranthene	23.90	252	741564	39.840	ng	#	97
88) Benzo(k)fluoranthene	23.97	252	723597	39.740	ng	#	97
89) Benzo(a)pyrene	24.78	252	694896	39.675	ng	#	93
90) Dibenzo(a,h)anthracene	28.66	278	686233	39.689	ng	#	94
91) Benzo(g,h,i)perylene	29.75	276	675828	39.940	ng	#	94

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

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