Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
Data File : BG035446.D
Acq On : 27 Jun 2018 15:40
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/28/2018 2:50:03 PM

Quant Time: Jun 27 18:47:17 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	8.05	152	53299	20.00	ng		-0.02
21) Naphthalene-d8	10.85	136	214766	20.00	ng		-0.03
38) Acenaphthene-d10	14.67	164	155014	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	413397	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	441477	20.00	ng		-0.03
86) Perylene-d12	24.90	264	446936	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	243600	77.13	ng		-0.02
7) Phenol-d6	7.21	99	369434	79.25	ng		-0.01
23) Nitrobenzene-d5	9.21	82	382173	84.59	ng		-0.02
41) 2,4,6-Tribromophenol	16.16	330	183072	92.26	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	885252	74.24	ng		-0.03
78) Terphenyl-d14	20.02	244	1530422	72.61	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	52503	34.843	ng	#	74
3) Pyridine	3.95	79	153145	37.667	ng	#	71
4) n-Nitrosodimethylamine	3.86	42	59243	33.917	ng	#	75
6) Aniline	7.38	93	224217	37.212	ng		96
8) 2-Chlorophenol	7.62	128	127418	38.489	ng		96
9) Benzaldehyde	7.19	77	116348	32.404	ng		97
10) Phenol	7.24	94	184702	38.288	ng		97
11) bis(2-Chloroethyl)ether	7.47	93	134412	35.899	ng		87
12) 1,3-Dichlorobenzene	7.94	146	151028	38.235	ng		98
13) 1,4-Dichlorobenzene	8.09	146	151267	37.098	ng		97
14) 1,2-Dichlorobenzene	8.40	146	146569	38.268	ng		99
15) Benzyl Alcohol	8.29	79	159470	36.104	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.58	45	121261m	32.539	ng		
17) 2-Methylphenol	8.49	107	123812	38.929	ng	#	93
18) Hexachloroethane	9.14	117	56471	38.685	ng		90
19) n-Nitroso-di-n-propylamine	8.86	70	136847	34.555	ng	#	85
20) 3+4-Methylphenols	8.82	107	176695	38.760	ng		89
22) Acetophenone	8.87	105	244507	36.753	ng	#	90
24) Nitrobenzene	9.26	77	188671	40.780	ng		96
25) Isophorone	9.77	82	330279	34.623	ng		100
26) 2-Nitrophenol	9.97	139	78582	49.275	ng	#	91
27) 2,4-Dimethylphenol	10.02	122	123634	36.883	ng		92
28) bis(2-Chloroethoxy)methane	10.25	93	191503	37.358	ng		100
29) 2,4-Dichlorophenol	10.50	162	153533	42.094	ng		90
30) 1,2,4-Trichlorobenzene	10.72	180	173122	39.584	ng		98
31) Naphthalene	10.91	128	423775	37.983	ng		99
32) Benzoic acid	10.17	122	87988	39.189	ng		97
33) 4-Chloroaniline	11.01	127	188627	38.937	ng	#	92
34) Hexachlorobutadiene	11.19	225	135294	39.776	ng		98
35) Caprolactam	11.80	113	54654	40.545	ng	#	70
36) 4-Chloro-3-methylphenol	12.13	107	186743	41.073	ng		96
37) 2-Methylnaphthalene	12.50	142	333935	39.478	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	231986	40.178	ng		98
40) Hexachlorocyclopentadiene	12.85	237	122894	33.941	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	147884	42.774	ng		98
43) 2,4,5-Trichlorophenol	13.19	196	161124	42.460	ng		99
45) 1,1'-Biphenyl	13.51	154	469026	37.628	ng		97
46) 2-Chloronaphthalene	13.56	162	355807	37.755	ng		97
47) 2-Nitroaniline	13.75	65	126983	45.630	ng		99
48) Acenaphthylene	14.40	152	601333	38.054	ng		96
49) Dimethylphthalate	14.13	163	513553	37.991	ng		100
50) 2,6-Dinitrotoluene	14.25	165	115634	46.890	ng	#	89
51) Acenaphthene	14.74	154	384049	37.197	ng		98
52) 3-Nitroaniline	14.58	138	114385	47.269	ng	#	97
53) 2,4-Dinitrophenol	14.78	184	43136	43.221	ng	#	57
54) Dibenzofuran	15.07	168	603193	39.008	ng		93
55) 4-Nitrophenol	14.88	139	77487	37.941	ng	#	87
56) 2,4-Dinitrotoluene	15.04	165	163939	50.044	ng	#	81
57) Fluorene	15.72	166	509006	39.387	ng		94
58) 2,3,4,6-Tetrachlorophenol	15.29	232	161602	43.837	ng		91
59) Diethylphthalate	15.49	149	516407	37.444	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	304005	41.254	ng		95
61) 4-Nitroaniline	15.74	138	116177	44.767	ng		85
62) Azobenzene	16.01	77	482130	35.674	ng		93
64) 4,6-Dinitro-2-methylphenol	15.79	198	94649	50.147	ng		85
65) n-Nitrosodiphenylamine	15.92	169	472302	38.044	ng		97
66) 4-Bromophenyl-phenylether	16.60	248	201891	40.554	ng		97
67) Hexachlorobenzene	16.72	284	209597	41.365	ng		94
68) Atrazine	16.87	200	199462	37.675	ng		94
69) Pentachlorophenol	17.07	266	129985	38.149	ng		99
70) Phenanthrene	17.46	178	801731	38.178	ng		98
71) Anthracene	17.55	178	800169	38.040	ng		99
72) Carbazole	17.82	167	727175	37.258	ng		99
73) Di-n-butylphthalate	18.37	149	855451	36.774	ng	#	98
74) Fluoranthene	19.47	202	1034029	37.840	ng		95
76) Benzidine	19.64	184	550616	33.524	ng		97
77) Pyrene	19.83	202	1053457	36.196	ng		97
79) Butylbenzylphthalate	20.71	149	389408	36.847	ng	#	95
80) Benzo(a)anthracene	21.66	228	1055453	37.412	ng		98
81) 3,3'-Dichlorobenzidine	21.58	252	392196	36.951	ng	#	99
82) Chrysene	21.73	228	980058	37.943	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	540149	36.172	ng		99
84) Di-n-octyl phthalate	22.78	149	913513	35.658	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.56	276	1163383	38.457	ng	#	85
87) Benzo(b)fluoranthene	23.88	252	1059773	38.505	ng	#	97
88) Benzo(k)fluoranthene	23.95	252	993758	36.910	ng	#	96
89) Benzo(a)pyrene	24.75	252	982929	37.953	ng	#	96
90) Dibenzo(a,h)anthracene	28.64	278	954998	37.354	ng	#	96
91) Benzo(g,h,i)perylene	29.72	276	952564	38.071	ng	#	94

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

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