Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061918\
Data File : BG035250.D
Acq On : 19 Jun 2018 16:24
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/20/2018 5:04:14 PM

Quant Time: Jun 19 18:40:56 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	16038	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	74733	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	64555	20.00	ng		-0.01
63) Phenanthrene-d10	17.43	188	240141	20.00	ng		-0.01
75) Chrysene-d12	21.70	240	474479	20.00	ng		-0.02
86) Perylene-d12	24.92	264	400157	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	79287	83.43	ng		-0.01
7) Phenol-d6	7.21	99	135231	96.41	ng		-0.01
23) Nitrobenzene-d5	9.22	82	137394	87.39	ng		-0.02
41) 2,4,6-Tribromophenol	16.17	330	96099	116.29	ng		-0.01
44) 2-Fluorobiphenyl	13.30	172	348117	70.10	ng		-0.02
78) Terphenyl-d14	20.03	244	1511034	66.71	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	16847	37.155	ng	#	66
3) Pyridine	3.95	79	50235	41.061	ng	#	69
4) n-Nitrosodimethylamine	3.86	42	19481	37.065	ng	#	69
6) Aniline	7.38	93	83416	46.008	ng		96
8) 2-Chlorophenol	7.62	128	42828	42.993	ng		93
9) Benzaldehyde	7.20	77	39547	36.604	ng		99
10) Phenol	7.24	94	67899	46.776	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	48540	43.083	ng		87
12) 1,3-Dichlorobenzene	7.95	146	48056m	40.432	ng		
13) 1,4-Dichlorobenzene	8.10	146	50577	41.222	ng		96
14) 1,2-Dichlorobenzene	8.42	146	47404	41.132	ng		96
15) Benzyl Alcohol	8.29	79	58638	44.119	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.58	45	35711	31.846	ng		78
17) 2-Methylphenol	8.49	107	45338	47.374	ng		95
18) Hexachloroethane	9.14	117	17073	38.868	ng		93
19) n-Nitroso-di-n-propylamine	8.86	70	50795	42.626	ng	#	82
20) 3+4-Methylphenols	8.81	107	67650	49.317	ng		97
22) Acetophenone	8.88	105	90308	39.010	ng	#	91
24) Nitrobenzene	9.26	77	70896	44.037	ng		89
25) Isophorone	9.78	82	125302	37.749	ng		99
26) 2-Nitrophenol	9.97	139	26498	47.750	ng	#	91
27) 2,4-Dimethylphenol	10.02	122	44567	38.208	ng		85
28) bis(2-Chloroethoxy)methane	10.26	93	71267	39.953	ng		99
29) 2,4-Dichlorophenol	10.51	162	54369	42.837	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	60559	39.792	ng		99
31) Naphthalene	10.91	128	151881	39.121	ng		95
32) Benzoic acid	10.12	122	36422	46.618	ng		93
33) 4-Chloroaniline	11.02	127	74739	44.336	ng	#	93
34) Hexachlorobutadiene	11.20	225	43016	36.344	ng		98
35) Caprolactam	11.78	113	30577	65.188	ng	#	61
36) 4-Chloro-3-methylphenol	12.13	107	78724	49.759	ng		99
37) 2-Methylnaphthalene	12.52	142	120430	40.915	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	86844	36.117	ng		97
40) Hexachlorocyclopentadiene	12.86	237	72396	48.012	ng		87

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	59580	41.381	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	71315	45.128	ng		98
45) 1,1'-Biphenyl	13.51	154	184031	35.453	ng		96
46) 2-Chloronaphthalene	13.56	162	144133	36.725	ng		98
47) 2-Nitroaniline	13.76	65	61189	52.799	ng		97
48) Acenaphthylene	14.41	152	254830	38.723	ng		98
49) Dimethylphthalate	14.13	163	238130	42.301	ng		98
50) 2,6-Dinitrotoluene	14.25	165	53123	51.727	ng	#	88
51) Acenaphthene	14.75	154	180240	41.919	ng		99
52) 3-Nitroaniline	14.58	138	65281	64.779	ng	#	94
53) 2,4-Dinitrophenol	14.78	184	32567	78.356	ng	#	62
54) Dibenzofuran	15.08	168	263018	40.844	ng		95
55) 4-Nitrophenol	14.88	139	71837	84.464	ng		89
56) 2,4-Dinitrotoluene	15.04	165	87180	63.903	ng	#	91
57) Fluorene	15.73	166	239326	44.469	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	80646	52.532	ng	#	95
59) Diethylphthalate	15.49	149	262819	45.760	ng		97
60) 4-Chlorophenyl-phenylether	15.72	204	130041	42.375	ng		98
61) 4-Nitroaniline	15.74	138	90487	83.726	ng		86
62) Azobenzene	16.01	77	230012	40.868	ng		94
64) 4,6-Dinitro-2-methylphenol	15.80	198	61648	56.227	ng		81
65) n-Nitrosodiphenylamine	15.93	169	239517	33.212	ng		99
66) 4-Bromophenyl-phenylether	16.62	248	96798	33.472	ng		97
67) Hexachlorobenzene	16.73	284	108302	36.794	ng		93
68) Atrazine	16.87	200	140152	45.572	ng		97
69) Pentachlorophenol	17.07	266	95981	48.493	ng		96
70) Phenanthrene	17.47	178	475460	38.976	ng		98
71) Anthracene	17.56	178	481883	39.436	ng		96
72) Carbazole	17.83	167	594003	52.393	ng		98
73) Di-n-butylphthalate	18.38	149	645999	47.805	ng	#	98
74) Fluoranthene	19.47	202	917175	57.780	ng		98
76) Benzidine	19.65	184	601232	34.060	ng		98
77) Pyrene	19.84	202	981383	31.374	ng		98
79) Butylbenzylphthalate	20.72	149	456183	40.163	ng	#	95
80) Benzo(a)anthracene	21.68	228	1143248	37.705	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	388370	34.046	ng	#	97
82) Chrysene	21.74	228	1048270	37.761	ng		98
83) Bis(2-ethylhexyl)phthalate	21.58	149	576374	35.913	ng		97
84) Di-n-octyl phthalate	22.80	149	848333	30.810	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.60	276	1051291	32.334	ng	#	88
87) Benzo(b)fluoranthene	23.90	252	949808	38.543	ng	#	94
88) Benzo(k)fluoranthene	23.97	252	936159	38.835	ng	#	95
89) Benzo(a)pyrene	24.78	252	892410	38.486	ng	#	96
90) Dibenzo(a,h)anthracene	28.67	278	865932	37.829	ng	#	96
91) Benzo(g,h,i)perylene	29.75	276	865829	38.650	ng	#	94

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

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