Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063018\
Data File : BG035535.D
Acq On : 30 Jun 2018 10:21
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
7/2/2018 12:59:11 PM

Quant Time: Jul 02 02:16:54 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	43838	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	180590	20.00	ng		-0.01
38) Acenaphthene-d10	14.68	164	141677	20.00	ng		-0.01
63) Phenanthrene-d10	17.43	188	380736	20.00	ng		-0.01
75) Chrysene-d12	21.70	240	403251	20.00	ng		-0.02
86) Perylene-d12	24.92	264	405766	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	208414	80.23	ng		0.00
7) Phenol-d6	7.23	99	316709	82.61	ng		0.00
23) Nitrobenzene-d5	9.23	82	339377	89.33	ng		-0.01
41) 2,4,6-Tribromophenol	16.18	330	175887	96.98	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	818918	75.14	ng		-0.02
78) Terphenyl-d14	20.03	244	1447705	75.20	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	44471	35.882	ng	#	70
3) Pyridine	3.95	79	135724	40.586	ng	#	69
4) n-Nitrosodimethylamine	3.87	42	48636	33.854	ng	#	76
6) Aniline	7.39	93	199270	40.209	ng		94
8) 2-Chlorophenol	7.63	128	107704	39.555	ng		99
9) Benzaldehyde	7.21	77	109255	36.996	ng		97
10) Phenol	7.25	94	161573	40.722	ng		93
11) bis(2-Chloroethyl)ether	7.48	93	121865	39.572	ng		89
12) 1,3-Dichlorobenzene	7.96	146	132246	40.706	ng		97
13) 1,4-Dichlorobenzene	8.10	146	133918	39.931	ng		98
14) 1,2-Dichlorobenzene	8.42	146	125764	39.923	ng		94
15) Benzyl Alcohol	8.30	79	145158	39.957	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.59	45	109580m	35.751	ng		
17) 2-Methylphenol	8.50	107	107595	41.131	ng	#	93
18) Hexachloroethane	9.15	117	47710	39.737	ng		88
19) n-Nitroso-di-n-propylamine	8.87	70	120666	37.045	ng	#	85
20) 3+4-Methylphenols	8.83	107	155417	41.450	ng		88
22) Acetophenone	8.89	105	222903	39.846	ng	#	92
24) Nitrobenzene	9.27	77	168677	43.358	ng	#	92
25) Isophorone	9.79	82	308509	38.462	ng		99
26) 2-Nitrophenol	9.98	139	70348	52.460	ng	#	90
27) 2,4-Dimethylphenol	10.03	122	107623	38.182	ng		96
28) bis(2-Chloroethoxy)methane	10.27	93	172849	40.100	ng		96
29) 2,4-Dichlorophenol	10.52	162	131482	42.870	ng		93
30) 1,2,4-Trichlorobenzene	10.73	180	152453	41.455	ng		99
31) Naphthalene	10.92	128	384749	41.012	ng		97
32) Benzoic acid	10.20	122	75256	39.861	ng		95
33) 4-Chloroaniline	11.02	127	172922	42.450	ng	#	94
34) Hexachlorobutadiene	11.20	225	119440	41.761	ng		95
35) Caprolactam	11.82	113	52884	46.657	ng	#	71
36) 4-Chloro-3-methylphenol	12.15	107	171051	44.741	ng		92
37) 2-Methylnaphthalene	12.52	142	299186	42.064	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	214715	40.688	ng		99
40) Hexachlorocyclopentadiene	12.86	237	113980	34.443	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	132526	41.940	ng		98
43) 2,4,5-Trichlorophenol	13.20	196	147394	42.499	ng		95
45) 1,1'-Biphenyl	13.52	154	434773	38.164	ng		98
46) 2-Chloronaphthalene	13.57	162	335296	38.928	ng		97
47) 2-Nitroaniline	13.77	65	120250	47.279	ng		90
48) Acenaphthylene	14.41	152	571659	39.581	ng		97
49) Dimethylphthalate	14.14	163	483084	39.101	ng	#	98
50) 2,6-Dinitrotoluene	14.26	165	106078	47.064	ng		91
51) Acenaphthene	14.75	154	354343	37.551	ng		98
52) 3-Nitroaniline	14.59	138	107190	48.466	ng	#	92
53) 2,4-Dinitrophenol	14.79	184	46706	51.203	ng	#	58
54) Dibenzofuran	15.08	168	569965	40.329	ng		95
55) 4-Nitrophenol	14.90	139	81234	43.520	ng	#	87
56) 2,4-Dinitrotoluene	15.04	165	156455	52.255	ng	#	86
57) Fluorene	15.73	166	474999	40.216	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.31	232	152387	45.229	ng		91
59) Diethylphthalate	15.49	149	495186	39.285	ng		98
60) 4-Chlorophenyl-phenylether	15.72	204	281345	41.773	ng		96
61) 4-Nitroaniline	15.75	138	112921	47.608	ng	#	81
62) Azobenzene	16.01	77	466656	37.780	ng		95
64) 4,6-Dinitro-2-methylphenol	15.81	198	94883	54.583	ng		87
65) n-Nitrosodiphenylamine	15.93	169	447284	39.119	ng		98
66) 4-Bromophenyl-phenylether	16.62	248	192246	41.929	ng		97
67) Hexachlorobenzene	16.73	284	201038	43.079	ng		96
68) Atrazine	16.88	200	193848	39.756	ng		93
69) Pentachlorophenol	17.07	266	123320	39.298	ng		97
70) Phenanthrene	17.47	178	764036	39.504	ng		96
71) Anthracene	17.56	178	764342	39.454	ng		98
72) Carbazole	17.83	167	709802	39.488	ng		99
73) Di-n-butylphthalate	18.38	149	803678	37.512	ng	#	98
74) Fluoranthene	19.47	202	993520	39.477	ng		97
76) Benzidine	19.65	184	481040	32.064	ng		98
77) Pyrene	19.84	202	1000746	37.645	ng		97
79) Butylbenzylphthalate	20.72	149	367855	38.107	ng	#	94
80) Benzo(a)anthracene	21.67	228	994911	38.609	ng		98
81) 3,3'-Dichlorobenzidine	21.59	252	367929	37.951	ng	#	98
82) Chrysene	21.74	228	929641	39.402	ng		99
83) Bis(2-ethylhexyl)phthalate	21.57	149	494100	36.224	ng	#	97
84) Di-n-octyl phthalate	22.78	149	844830	36.103	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.61	276	1091770	39.510	ng	#	85
87) Benzo(b)fluoranthene	23.90	252	971371	38.874	ng	#	97
88) Benzo(k)fluoranthene	23.97	252	960102	39.278	ng	#	96
89) Benzo(a)pyrene	24.77	252	913478	38.850	ng	#	95
90) Dibenzo(a,h)anthracene	28.66	278	901584	38.842	ng	#	95
91) Benzo(g,h,i)perylene	29.76	276	889921	39.177	ng	#	92

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

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