Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
Data File : BG033535.D
Acq On : 3 Apr 2018 22:51
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/4/2018 4:10:53 PM

Quant Time: Apr 04 04:09:58 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 03 14:50:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	34170	20.00	ng		0.00
21) Naphthalene-d8	11.75	136	159538	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	125239	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	315240	20.00	ng		0.00
75) Chrysene-d12	22.56	240	325977	20.00	ng		0.00
86) Perylene-d12	26.33	264	346406	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	159142	87.33	ng		0.00
7) Phenol-d6	7.98	99	280675	89.64	ng		0.00
23) Nitrobenzene-d5	10.06	82	291827	84.04	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	148253	79.15	ng		0.00
44) 2-Fluorobiphenyl	14.11	172	710806	81.93	ng		0.00
78) Terphenyl-d14	20.73	244	1193902	78.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.93	88	39619	42.812	ng	#	84
3) Pyridine	4.39	79	105015	41.050	ng		99
4) n-Nitrosodimethylamine	4.30	42	44518	42.405	ng	#	74
6) Aniline	8.16	93	165563	44.964	ng		95
8) 2-Chlorophenol	8.42	128	90521	43.452	ng		96
9) Benzaldehyde	7.97	77	68593	34.472	ng		96
10) Phenol	8.01	94	143351	46.372	ng		90
11) bis(2-Chloroethyl)ether	8.25	93	109788	43.511	ng		95
12) 1,3-Dichlorobenzene	8.75	146	110885	40.712	ng		94
13) 1,4-Dichlorobenzene	8.90	146	107115	39.270	ng		97
14) 1,2-Dichlorobenzene	9.23	146	109653	41.189	ng		96
15) Benzyl Alcohol	9.10	79	109781	44.533	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.38	45	179973	43.753	ng		90
17) 2-Methylphenol	9.30	107	97028m	46.074	ng		
18) Hexachloroethane	9.98	117	43165	41.002	ng		88
19) n-Nitroso-di-n-propylamine	9.67	70	101978	44.448	ng		98
20) 3+4-Methylphenols	9.64	107	140128	46.734	ng		92
22) Acetophenone	9.70	105	189948	43.458	ng	#	98
24) Nitrobenzene	10.11	77	153490	41.297	ng		91
25) Isophorone	10.62	82	285030	42.293	ng		98
26) 2-Nitrophenol	10.84	139	60811	43.216	ng	#	85
27) 2,4-Dimethylphenol	10.87	122	89421	43.744	ng		92
28) bis(2-Chloroethoxy)methane	11.10	93	139051	41.352	ng		95
29) 2,4-Dichlorophenol	11.38	162	116456	46.324	ng		95
30) 1,2,4-Trichlorobenzene	11.60	180	126970	38.874	ng		94
31) Naphthalene	11.80	128	344140	41.627	ng		100
32) Benzoic acid	11.00	122	64995m	34.203	ng		
33) 4-Chloroaniline	11.89	127	151246	40.834	ng		93
34) Hexachlorobutadiene	12.05	225	98239	39.773	ng		98
35) Caprolactam	12.65	113	44942	45.633	ng		93
36) 4-Chloro-3-methylphenol	12.96	107	144795	44.161	ng		93
37) 2-Methylnaphthalene	13.35	142	268929	41.910	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	179637	39.598	ng		99
40) Hexachlorocyclopentadiene	13.68	237	84347	31.717	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	108703	41.242	ng		96
43) 2,4,5-Trichlorophenol	14.01	196	134259	43.095	ng		98
45) 1,1'-Biphenyl	14.32	154	403717	41.958	ng		93
46) 2-Chloronaphthalene	14.38	162	304632	41.062	ng		98
47) 2-Nitroaniline	14.57	65	126753	45.614	ng		93
48) Acenaphthylene	15.21	152	516361	41.697	ng		99
49) Dimethylphthalate	14.91	163	457712	41.995	ng		98
50) 2,6-Dinitrotoluene	15.04	165	97737	43.856	ng		97
51) Acenaphthene	15.54	154	322121	40.351	ng		97
52) 3-Nitroaniline	15.38	138	95822	41.012	ng	#	90
53) 2,4-Dinitrophenol	15.58	184	14258	18.817	ng	#	69
54) Dibenzofuran	15.87	168	488610	41.436	ng		92
55) 4-Nitrophenol	15.67	139	56798	34.571	ng		84
56) 2,4-Dinitrotoluene	15.82	165	140061	42.684	ng		90
57) Fluorene	16.51	166	417148	41.525	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.09	232	118238	40.314	ng		98
59) Diethylphthalate	16.24	149	446959	42.232	ng		96
60) 4-Chlorophenyl-phenylether	16.49	204	231868	40.152	ng		99
61) 4-Nitroaniline	16.53	138	100301	42.392	ng	#	81
62) Azobenzene	16.78	77	435741	42.503	ng		99
64) 4,6-Dinitro-2-methylphenol	16.57	198	60697	32.185	ng		100
65) n-Nitrosodiphenylamine	16.70	169	384712	42.747	ng		96
66) 4-Bromophenyl-phenylether	17.38	248	151880	41.024	ng		93
67) Hexachlorobenzene	17.51	284	159299	40.771	ng		94
68) Atrazine	17.62	200	153424	42.070	ng		97
69) Pentachlorophenol	17.85	266	88044	32.831	ng		99
70) Phenanthrene	18.25	178	684752	41.708	ng		99
71) Anthracene	18.35	178	677759	40.772	ng		100
72) Carbazole	18.60	167	624452	42.391	ng		98
73) Di-n-butylphthalate	19.09	149	748954	43.681	ng	#	98
74) Fluoranthene	20.21	202	843583	41.522	ng		97
76) Benzidine	20.37	184	313275	35.438	ng		98
77) Pyrene	20.57	202	869204	39.980	ng		99
79) Butylbenzylphthalate	21.42	149	334789	41.730	ng		96
80) Benzo(a)anthracene	22.54	228	826060	39.797	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	308411	41.755	ng	#	96
82) Chrysene	22.61	228	803208	39.975	ng		97
83) Bis(2-ethylhexyl)phthalate	22.35	149	476517	43.087	ng		96
84) Di-n-octyl phthalate	23.75	149	757244	44.719	ng		99
85) Indeno(1,2,3-cd)pyrene	30.69	276	842628	38.788	ng	#	80
87) Benzo(b)fluoranthene	25.11	252	798164	39.881	ng	#	96
88) Benzo(k)fluoranthene	25.19	252	826975	40.856	ng	#	98
89) Benzo(a)pyrene	26.15	252	795050	41.367	ng	#	96
90) Dibenzo(a,h)anthracene	30.78	278	660832	36.502	ng	#	96
91) Benzo(g,h,i)perylene	32.07	276	665964	37.148	ng	#	95

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

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