Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
Data File : BG032225.D
Acq On : 23 Jan 2018 10:57
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/24/2018 2:49:04 PM

Quant Time: Jan 24 09:39:20 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	39417	20.00	ng		-0.01
21) Naphthalene-d8	11.61	136	161200	20.00	ng		-0.01
38) Acenaphthene-d10	15.37	164	113277	20.00	ng		-0.01
63) Phenanthrene-d10	18.10	188	275414	20.00	ng		-0.01
75) Chrysene-d12	22.44	240	341544	20.00	ng		-0.01
86) Perylene-d12	26.13	264	378428	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	163324	75.78	ng		0.00
7) Phenol-d6	7.84	99	221812	81.72	ng		0.00
23) Nitrobenzene-d5	9.93	82	209841	88.07	ng		-0.01
41) 2,4,6-Tribromophenol	16.84	330	154945	82.66	ng		-0.01
44) 2-Fluorobiphenyl	13.99	172	772604	84.57	ng		-0.01
78) Terphenyl-d14	20.64	244	1230730	79.57	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	26891	32.478	ng	#	76
3) Pyridine	4.27	79	79221	35.845	ng		87
4) n-Nitrosodimethylamine	4.18	42	37242	47.965	ng	#	80
6) Aniline	8.02	93	132139	38.596	ng		98
8) 2-Chlorophenol	8.28	128	94011	38.982	ng		85
9) Benzaldehyde	7.83	77	58826	37.405	ng		87
10) Phenol	7.87	94	106109	39.685	ng		95
11) bis(2-Chloroethyl)ether	8.12	93	79187	36.966	ng		84
12) 1,3-Dichlorobenzene	8.62	146	122996	38.968	ng		95
13) 1,4-Dichlorobenzene	8.77	146	124281	39.106	ng		94
14) 1,2-Dichlorobenzene	9.10	146	120104	39.073	ng		98
15) Benzyl Alcohol	8.96	79	87720	44.486	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.26	45	80290	36.881	ng		82
17) 2-Methylphenol	9.17	107	82565	40.406	ng		96
18) Hexachloroethane	9.85	117	39782	40.731	ng	#	81
19) n-Nitroso-di-n-propylamine	9.54	70	69656	41.360	ng	#	88
20) 3+4-Methylphenols	9.50	107	114342	40.392	ng		93
22) Acetophenone	9.57	105	153965	42.048	ng	#	90
24) Nitrobenzene	9.97	77	106237	44.699	ng	#	88
25) Isophorone	10.50	82	179314	40.416	ng	#	84
26) 2-Nitrophenol	10.70	139	63691	45.226	ng	#	80
27) 2,4-Dimethylphenol	10.74	122	90612	40.546	ng		97
28) bis(2-Chloroethoxy)methane	10.98	93	107001	40.029	ng	#	98
29) 2,4-Dichlorophenol	11.24	162	123870	45.046	ng		87
30) 1,2,4-Trichlorobenzene	11.47	180	155473	43.779	ng		98
31) Naphthalene	11.66	128	327472	41.008	ng		97
32) Benzoic acid	10.87	122	60914	35.514	ng		88
33) 4-Chloroaniline	11.76	127	139943	40.867	ng		94
34) Hexachlorobutadiene	11.93	225	121491	47.630	ng		97
35) Caprolactam	12.51	113	33276	39.888	ng	#	44
36) 4-Chloro-3-methylphenol	12.83	107	111111	44.145	ng		93
37) 2-Methylnaphthalene	13.23	142	267362	42.172	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	221989	44.958	ng	#	96
40) Hexachlorocyclopentadiene	13.56	237	114707	41.245	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.81	196	121539	43.807	ng		99
43) 2,4,5-Trichlorophenol	13.88	196	140801m	43.844	ng		
45) 1,1'-Biphenyl	14.20	154	395597	40.737	ng		96
46) 2-Chloronaphthalene	14.26	162	308453	40.830	ng		96
47) 2-Nitroaniline	14.44	65	66878	46.243	ng	#	76
48) Acenaphthylene	15.10	152	465974	40.505	ng		99
49) Dimethylphthalate	14.80	163	402612	40.616	ng	#	99
50) 2,6-Dinitrotoluene	14.93	165	88088	42.813	ng	#	73
51) Acenaphthene	15.43	154	313676	41.236	ng		98
52) 3-Nitroaniline	15.26	138	75323	40.533	ng	#	75
53) 2,4-Dinitrophenol	15.46	184	38441	40.966	ng	#	82
54) Dibenzofuran	15.76	168	462804	40.784	ng		99
55) 4-Nitrophenol	15.53	139	53503	39.506	ng	#	79
56) 2,4-Dinitrotoluene	15.70	165	120686	43.567	ng	#	71
57) Fluorene	16.40	166	373274	40.108	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.97	232	125172	42.134	ng	#	86
59) Diethylphthalate	16.14	149	381584	39.707	ng		97
60) 4-Chlorophenyl-phenylether	16.38	204	242346	42.449	ng		95
61) 4-Nitroaniline	16.41	138	75591	42.404	ng		90
62) Azobenzene	16.67	77	240903	40.051	ng		87
64) 4,6-Dinitro-2-methylphenol	16.46	198	77826	44.540	ng	#	68
65) n-Nitrosodiphenylamine	16.59	169	339500	40.624	ng		99
66) 4-Bromophenyl-phenylether	17.28	248	168258	42.938	ng		94
67) Hexachlorobenzene	17.40	284	180430	41.618	ng	#	92
68) Atrazine	17.52	200	143555	40.845	ng		95
69) Pentachlorophenol	17.74	266	110411	39.844	ng		97
70) Phenanthrene	18.14	178	615767	40.157	ng		100
71) Anthracene	18.23	178	625367	40.890	ng		97
72) Carbazole	18.49	167	542234	40.870	ng		99
73) Di-n-butylphthalate	19.00	149	607144	38.728	ng		99
74) Fluoranthene	20.11	202	813848	42.390	ng		95
76) Benzidine	20.27	184	222019	25.995	ng		98
77) Pyrene	20.46	202	830652	38.688	ng		98
79) Butylbenzylphthalate	21.33	149	285822	37.155	ng	#	75
80) Benzo(a)anthracene	22.41	228	887972	41.805	ng		99
81) 3,3'-Dichlorobenzidine	22.31	252	332236	41.871	ng	#	98
82) Chrysene	22.49	228	847799	41.561	ng		98
83) Bis(2-ethylhexyl)phthalate	22.25	149	413244	36.633	ng	#	99
84) Di-n-octyl phthalate	23.63	149	666263	37.187	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.41	276	1075024	43.063	ng	#	84
87) Benzo(b)fluoranthene	24.94	252	914660	39.987	ng	#	96
88) Benzo(k)fluoranthene	25.02	252	939977	42.054	ng	#	96
89) Benzo(a)pyrene	25.96	252	906233	41.882	ng	#	96
90) Dibenzo(a,h)anthracene	30.49	278	861907	41.336	ng	#	93
91) Benzo(g,h,i)perylene	31.75	276	839272	39.381	ng	#	92

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

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