Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
Data File : BG033405.D
Acq On : 29 Mar 2018 4:22
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/29/2018 5:39:09 PM

Quant Time: Mar 29 07:47:09 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	47251	20.00	ng		-0.01
21) Naphthalene-d8	11.75	136	207235	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	156154	20.00	ng		0.00
63) Phenanthrene-d10	18.22	188	362151	20.00	ng		0.00
75) Chrysene-d12	22.56	240	367770	20.00	ng		0.00
86) Perylene-d12	26.33	264	407936	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	222397	88.26	ng		0.00
7) Phenol-d6	7.99	99	363997	84.07	ng		0.00
23) Nitrobenzene-d5	10.07	82	350610	77.73	ng		0.00
41) 2,4,6-Tribromophenol	16.96	330	170381	72.95	ng		0.00
44) 2-Fluorobiphenyl	14.12	172	829185	76.66	ng		0.00
78) Terphenyl-d14	20.73	244	1271736	73.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.93	88	50073	39.129	ng	#	84
3) Pyridine	4.39	79	143269	40.500	ng		90
4) n-Nitrosodimethylamine	4.30	42	59607	41.059	ng	#	80
6) Aniline	8.16	93	208174	40.885	ng		95
8) 2-Chlorophenol	8.42	128	121566	42.199	ng		97
9) Benzaldehyde	7.97	77	94810m	34.457	ng		
10) Phenol	8.02	94	179634	42.022	ng		86
11) bis(2-Chloroethyl)ether	8.25	93	128481	36.823	ng		98
12) 1,3-Dichlorobenzene	8.75	146	145678	38.679	ng		94
13) 1,4-Dichlorobenzene	8.90	146	147469	39.097	ng		99
14) 1,2-Dichlorobenzene	9.23	146	143415	38.957	ng		98
15) Benzyl Alcohol	9.10	79	144462	42.378	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.39	45	216307	38.028	ng		89
17) 2-Methylphenol	9.31	107	121340	41.668	ng	#	89
18) Hexachloroethane	9.99	117	55205	37.921	ng		98
19) n-Nitroso-di-n-propylamine	9.67	70	125535	39.568	ng		96
20) 3+4-Methylphenols	9.64	107	173729	41.900	ng		92
22) Acetophenone	9.71	105	228407	40.230	ng	#	97
24) Nitrobenzene	10.11	77	184657	38.247	ng		95
25) Isophorone	10.63	82	338581	38.676	ng		99
26) 2-Nitrophenol	10.84	139	76851	42.045	ng	#	83
27) 2,4-Dimethylphenol	10.87	122	117283	44.169	ng		96
28) bis(2-Chloroethoxy)methane	11.11	93	168508	38.578	ng		98
29) 2,4-Dichlorophenol	11.39	162	145516	44.561	ng		94
30) 1,2,4-Trichlorobenzene	11.60	180	168922	39.815	ng		95
31) Naphthalene	11.80	128	418193	38.942	ng		99
32) Benzoic acid	11.01	122	49158m	19.915	ng		
33) 4-Chloroaniline	11.90	127	192082	39.923	ng	#	92
34) Hexachlorobutadiene	12.06	225	127744	39.815	ng		97
35) Caprolactam	12.66	113	49606	38.776	ng		98
36) 4-Chloro-3-methylphenol	12.97	107	173875	40.824	ng		92
37) 2-Methylnaphthalene	13.35	142	320120	38.406	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	220447	38.974	ng		99
40) Hexachlorocyclopentadiene	13.68	237	100852	30.415	ng		87

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	139064	42.316	ng		92
43) 2,4,5-Trichlorophenol	14.02	196	165876	42.703	ng		99
45) 1,1'-Biphenyl	14.33	154	464169	38.691	ng		96
46) 2-Chloronaphthalene	14.38	162	358904	38.799	ng		96
47) 2-Nitroaniline	14.57	65	133969	38.667	ng		96
48) Acenaphthylene	15.21	152	587037	38.019	ng		99
49) Dimethylphthalate	14.92	163	514170	37.835	ng		100
50) 2,6-Dinitrotoluene	15.04	165	105522	37.975	ng		99
51) Acenaphthene	15.55	154	361060	36.275	ng		96
52) 3-Nitroaniline	15.39	138	103503	35.529	ng	#	97
53) 2,4-Dinitrophenol	15.58	184	16193	17.821	ng		95
54) Dibenzofuran	15.88	168	546430	37.166	ng	#	91
55) 4-Nitrophenol	15.68	139	60674	29.619	ng	#	89
56) 2,4-Dinitrotoluene	15.82	165	151623	37.059	ng		98
57) Fluorene	16.52	166	465284	37.147	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.10	232	139079m	38.032	ng		
59) Diethylphthalate	16.25	149	492872	37.350	ng		99
60) 4-Chlorophenyl-phenylether	16.50	204	268553	37.298	ng		98
61) 4-Nitroaniline	16.54	138	105328	35.703	ng	#	86
62) Azobenzene	16.79	77	475505	37.199	ng		98
64) 4,6-Dinitro-2-methylphenol	16.58	198	48784	22.518	ng		92
65) n-Nitrosodiphenylamine	16.71	169	416644	40.299	ng		97
66) 4-Bromophenyl-phenylether	17.39	248	172813	40.632	ng		96
67) Hexachlorobenzene	17.52	284	182380	40.632	ng		94
68) Atrazine	17.63	200	163545	39.037	ng		96
69) Pentachlorophenol	17.86	266	99367m	32.254	ng		
70) Phenanthrene	18.26	178	719725	38.160	ng		99
71) Anthracene	18.35	178	743853	38.951	ng		99
72) Carbazole	18.61	167	635177	37.534	ng		97
73) Di-n-butylphthalate	19.10	149	781599	39.681	ng	#	98
74) Fluoranthene	20.21	202	872938	37.401	ng		97
76) Benzidine	20.37	184	354633	35.558	ng		98
77) Pyrene	20.57	202	903352	36.829	ng		98
79) Butylbenzylphthalate	21.43	149	358219	39.576	ng		91
80) Benzo(a)anthracene	22.54	228	893552	38.157	ng		99
81) 3,3'-Dichlorobenzidine	22.43	252	339867	40.784	ng		99
82) Chrysene	22.62	228	870494	38.401	ng		99
83) Bis(2-ethylhexyl)phthalate	22.36	149	503460	40.350	ng		98
84) Di-n-octyl phthalate	23.76	149	812873	42.549	ng		97
85) Indeno(1,2,3-cd)pyrene	30.71	276	1016981	41.494	ng	#	90
87) Benzo(b)fluoranthene	25.12	252	873810	37.075	ng	#	95
88) Benzo(k)fluoranthene	25.20	252	905356	37.982	ng	#	97
89) Benzo(a)pyrene	26.15	252	860940	38.038	ng	#	96
90) Dibenzo(a,h)anthracene	30.79	278	849999	39.869	ng	#	95
91) Benzo(g,h,i)perylene	32.09	276	808457	38.294	ng	#	96

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

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