Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
Data File : BG032698.D
Acq On : 15 Feb 2018 2:29
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/15/2018 11:07:56 AM

Quant Time: Feb 15 06:34:28 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.67	152	26956	20.00	ng		0.00
21) Naphthalene-d8	11.54	136	97787	20.00	ng		0.00
38) Acenaphthene-d10	15.30	164	68748	20.00	ng		0.00
63) Phenanthrene-d10	18.04	188	172398	20.00	ng		-0.01
75) Chrysene-d12	22.36	240	308836	20.00	ng		-0.01
86) Perylene-d12	26.00	264	325773	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.11	112	87508	65.13	ng		0.00
7) Phenol-d6	7.79	99	135057	73.51	ng		0.00
23) Nitrobenzene-d5	9.87	82	133105	86.51	ng		0.00
41) 2,4,6-Tribromophenol	16.78	330	106642	100.74	ng		-0.01
44) 2-Fluorobiphenyl	13.93	172	413025	75.13	ng		0.00
78) Terphenyl-d14	20.58	244	941557	69.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	22408	39.870	ng	#	74
3) Pyridine	4.24	79	48263m	33.479	ng		
4) n-Nitrosodimethylamine	4.15	42	22789m	33.642	ng		
6) Aniline	7.97	93	85350	39.308	ng		92
8) 2-Chlorophenol	8.22	128	65765	42.568	ng		82
9) Benzaldehyde	7.78	77	36846	33.937	ng		88
10) Phenol	7.82	94	70939	39.703	ng		87
11) bis(2-Chloroethyl)ether	8.06	93	46670	32.581	ng	#	75
12) 1,3-Dichlorobenzene	8.56	146	82399	37.816	ng		98
13) 1,4-Dichlorobenzene	8.70	146	84445	39.227	ng		95
14) 1,2-Dichlorobenzene	9.03	146	76281	35.133	ng		91
15) Benzyl Alcohol	8.90	79	45859	33.304	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.19	45	49257	31.951	ng		62
17) 2-Methylphenol	9.45	107	77878	61.546	ng		86
18) Hexachloroethane	9.79	117	29255	37.219	ng	#	73
19) n-Nitroso-di-n-propylamine	9.48	70	47502	38.461	ng	#	90
20) 3+4-Methylphenols	9.45	107	77878	40.721	ng		90
22) Acetophenone	9.51	105	103302	49.671	ng	#	93
24) Nitrobenzene	9.91	77	57496	35.690	ng	#	86
25) Isophorone	10.43	82	124390	42.403	ng	#	86
26) 2-Nitrophenol	10.63	139	33344	38.699	ng	#	81
27) 2,4-Dimethylphenol	10.67	122	46812	41.353	ng		98
28) bis(2-Chloroethoxy)methane	10.91	93	57439	38.303	ng	#	95
29) 2,4-Dichlorophenol	11.18	162	81473	49.174	ng		90
30) 1,2,4-Trichlorobenzene	11.40	180	104713	45.081	ng		95
31) Naphthalene	11.59	128	187141	39.413	ng		98
32) Benzoic acid	10.78	122	36159m	40.605	ng		
33) 4-Chloroaniline	11.70	127	86132	45.717	ng	#	90
34) Hexachlorobutadiene	11.86	225	81542	42.835	ng		97
35) Caprolactam	12.46	113	22923	48.721	ng	#	45
36) 4-Chloro-3-methylphenol	12.78	107	77022	51.682	ng		96
37) 2-Methylnaphthalene	13.16	142	144051	37.402	ng		89
39) 1,2,4,5-Tetrachlorobenzene	13.52	216	113783	35.042	ng	#	98
40) Hexachlorocyclopentadiene	13.49	237	81335	39.582	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.75	196	63388	39.113	ng		97
43) 2,4,5-Trichlorophenol	13.82	196	75630	37.447	ng	#	91
45) 1,1'-Biphenyl	14.14	154	213120	37.676	ng		91
46) 2-Chloronaphthalene	14.19	162	166399	37.174	ng		98
47) 2-Nitroaniline	14.39	65	34877	35.820	ng	#	74
48) Acenaphthylene	15.03	152	253606	38.510	ng		99
49) Dimethylphthalate	14.73	163	224133	37.716	ng		100
50) 2,6-Dinitrotoluene	14.87	165	47853	39.100	ng	#	73
51) Acenaphthene	15.37	154	166569	37.037	ng		98
52) 3-Nitroaniline	15.20	138	41706	38.590	ng	#	72
53) 2,4-Dinitrophenol	15.40	184	12833m	28.114	ng		
54) Dibenzofuran	15.70	168	251439	37.578	ng		100
55) 4-Nitrophenol	15.50	139	28707	38.844	ng	#	70
56) 2,4-Dinitrotoluene	15.64	165	68525	40.636	ng	#	69
57) Fluorene	16.34	166	207727	37.750	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.91	232	72916	38.347	ng	#	87
59) Diethylphthalate	16.08	149	217000	37.529	ng		96
60) 4-Chlorophenyl-phenylether	16.32	204	131846	36.290	ng		94
61) 4-Nitroaniline	16.36	138	42066	37.752	ng		79
62) Azobenzene	16.61	77	125209	33.704	ng	#	83
64) 4,6-Dinitro-2-methylphenol	16.40	198	32158m	27.984	ng		
65) n-Nitrosodiphenylamine	16.53	169	186694	36.924	ng		99
66) 4-Bromophenyl-phenylether	17.21	248	95011	38.509	ng		93
67) Hexachlorobenzene	17.34	284	109947	41.490	ng	#	88
68) Atrazine	17.46	200	85484	39.418	ng		97
69) Pentachlorophenol	17.68	266	58373	35.982	ng		97
70) Phenanthrene	18.08	178	359781	38.849	ng		99
71) Anthracene	18.17	178	398284	42.032	ng		98
72) Carbazole	18.43	167	390645	48.352	ng		100
73) Di-n-butylphthalate	18.94	149	490750	53.948	ng		98
74) Fluoranthene	20.05	202	664017	53.708	ng		94
76) Benzidine	20.21	184	248692	34.197	ng		99
77) Pyrene	20.41	202	699577	38.075	ng		99
79) Butylbenzylphthalate	21.26	149	237354	39.215	ng	#	80
80) Benzo(a)anthracene	22.34	228	729754	37.739	ng		98
81) 3,3'-Dichlorobenzidine	22.23	252	281489	38.979	ng	#	94
82) Chrysene	22.41	228	705754	37.015	ng		98
83) Bis(2-ethylhexyl)phthalate	22.18	149	345087	39.537	ng	#	97
84) Di-n-octyl phthalate	23.53	149	578601	42.253	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.21	276	934518	41.374	ng	#	85
87) Benzo(b)fluoranthene	24.83	252	802345	41.327	ng	#	96
88) Benzo(k)fluoranthene	24.91	252	831196	41.368	ng	#	96
89) Benzo(a)pyrene	25.83	252	781493	41.319	ng	#	94
90) Dibenzo(a,h)anthracene	30.29	278	787303	41.812	ng	#	94
91) Benzo(g,h,i)perylene	31.54	276	755990	41.533	ng	#	90

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

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