Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
Data File : BG032682.D
Acq On : 14 Feb 2018 15:43
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/15/2018 11:07:43 AM

Quant Time: Feb 15 06:46:11 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	8.66	152	23237	20.00	ng		-0.02
21) Naphthalene-d8	11.54	136	118313	20.00	ng		-0.01
38) Acenaphthene-d10	15.30	164	93252	20.00	ng		-0.01
63) Phenanthrene-d10	18.04	188	260595	20.00	ng		-0.01
75) Chrysene-d12	22.35	240	333663	20.00	ng		-0.02
86) Perylene-d12	25.98	264	350549	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	6.10	112	90706	78.32	ng		-0.02
7) Phenol-d6	7.78	99	115347	72.83	ng		-0.02
23) Nitrobenzene-d5	9.86	82	146559	78.73	ng		-0.02
41) 2,4,6-Tribromophenol	16.77	330	129978	90.52	ng		-0.02
44) 2-Fluorobiphenyl	13.92	172	555710	74.52	ng		-0.01
78) Terphenyl-d14	20.57	244	1089284	74.41	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.77	88	17479	36.077	ng	#	72
3) Pyridine	4.22	79	40029m	32.211	ng		
4) n-Nitrosodimethylamine	4.13	42	18730m	32.075	ng		
6) Aniline	7.95	93	62430	33.354	ng		96
8) 2-Chlorophenol	8.21	128	55907	41.978	ng		81
9) Benzaldehyde	7.76	77	33099	35.365	ng		93
10) Phenol	7.81	94	58458	37.954	ng		90
11) bis(2-Chloroethyl)ether	8.05	93	40700m	32.961	ng		
12) 1,3-Dichlorobenzene	8.54	146	69947	37.239	ng		97
13) 1,4-Dichlorobenzene	8.69	146	71607	38.587	ng		94
14) 1,2-Dichlorobenzene	9.02	146	79464	42.456	ng		99
15) Benzyl Alcohol	8.90	79	50911	42.890	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.18	45	55271	41.590	ng		78
17) 2-Methylphenol	9.10	107	51188	46.927	ng	#	89
18) Hexachloroethane	9.77	117	28830	42.548	ng	#	82
19) n-Nitroso-di-n-propylamine	9.47	70	51927	48.773	ng	#	94
20) 3+4-Methylphenols	9.44	107	76199	46.220	ng		93
22) Acetophenone	9.50	105	101264	40.244	ng	#	92
24) Nitrobenzene	9.90	77	74251	38.094	ng		93
25) Isophorone	10.41	82	146316	41.224	ng	#	86
26) 2-Nitrophenol	10.62	139	40678	39.020	ng	#	85
27) 2,4-Dimethylphenol	10.66	122	58010	42.355	ng		94
28) bis(2-Chloroethoxy)methane	10.90	93	70694	38.963	ng		96
29) 2,4-Dichlorophenol	11.17	162	79794	39.805	ng		87
30) 1,2,4-Trichlorobenzene	11.38	180	105345	37.485	ng		96
31) Naphthalene	11.58	128	219335	38.179	ng		97
32) Benzoic acid	10.76	122	34291m	32.774	ng		
33) 4-Chloroaniline	11.69	127	97491	42.769	ng		97
34) Hexachlorobutadiene	11.85	225	81683	35.465	ng		97
35) Caprolactam	12.44	113	30331	53.282	ng	#	59
36) 4-Chloro-3-methylphenol	12.76	107	83928	46.546	ng		92
37) 2-Methylnaphthalene	13.15	142	186012	39.918	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.51	216	160135	36.358	ng	#	94
40) Hexachlorocyclopentadiene	13.49	237	111353	39.951	ng		89

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.74	196	92275	41.976	ng		97
43) 2,4,5-Trichlorophenol	13.82	196	114973	41.968	ng	#	90
45) 1,1'-Biphenyl	14.13	154	293499	38.251	ng		97
46) 2-Chloronaphthalene	14.19	162	233331	38.429	ng		97
47) 2-Nitroaniline	14.38	65	58349	44.180	ng	#	85
48) Acenaphthylene	15.03	152	358609	40.146	ng		99
49) Dimethylphthalate	14.73	163	339231	42.084	ng	#	99
50) 2,6-Dinitrotoluene	14.86	165	70821	42.661	ng	#	81
51) Acenaphthene	15.36	154	245551	40.252	ng		97
52) 3-Nitroaniline	15.20	138	64073	43.707	ng	#	81
53) 2,4-Dinitrophenol	15.40	184	25800	36.142	ng	#	64
54) Dibenzofuran	15.69	168	368037	40.550	ng		98
55) 4-Nitrophenol	15.49	139	48100	46.691	ng	#	79
56) 2,4-Dinitrotoluene	15.64	165	103395	45.203	ng	#	71
57) Fluorene	16.34	166	313783	42.039	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.91	232	116396	45.128	ng	#	86
59) Diethylphthalate	16.07	149	343248	43.764	ng		97
60) 4-Chlorophenyl-phenylether	16.31	204	199557	40.494	ng		92
61) 4-Nitroaniline	16.35	138	67252	44.496	ng		83
62) Azobenzene	16.61	77	214980	42.663	ng		88
64) 4,6-Dinitro-2-methylphenol	16.40	198	58855	32.824	ng		74
65) n-Nitrosodiphenylamine	16.53	169	293712	38.430	ng		99
66) 4-Bromophenyl-phenylether	17.21	248	140925	37.787	ng		97
67) Hexachlorobenzene	17.34	284	150004	37.448	ng	#	91
68) Atrazine	17.45	200	136515	41.645	ng		98
69) Pentachlorophenol	17.67	266	90449	36.884	ng		97
70) Phenanthrene	18.08	178	544672	38.909	ng		99
71) Anthracene	18.16	178	553983	38.677	ng		98
72) Carbazole	18.43	167	496143	40.626	ng		98
73) Di-n-butylphthalate	18.93	149	563406	40.973	ng		99
74) Fluoranthene	20.04	202	733991	39.275	ng		95
76) Benzidine	20.21	184	306091m	38.958	ng		
77) Pyrene	20.40	202	752386	37.903	ng		98
79) Butylbenzylphthalate	21.25	149	255590	39.086	ng	#	82
80) Benzo(a)anthracene	22.33	228	772953	36.999	ng		98
81) 3,3'-Dichlorobenzidine	22.22	252	303457	38.895	ng	#	98
82) Chrysene	22.41	228	766800	37.224	ng		97
83) Bis(2-ethylhexyl)phthalate	22.17	149	368529	39.082	ng	#	96
84) Di-n-octyl phthalate	23.53	149	591030	39.949	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.19	276	917881	37.614	ng	#	85
87) Benzo(b)fluoranthene	24.82	252	782573	37.460	ng	#	96
88) Benzo(k)fluoranthene	24.89	252	793380	36.695	ng	#	97
89) Benzo(a)pyrene	25.81	252	767681	37.720	ng	#	96
90) Dibenzo(a,h)anthracene	30.26	278	763931	37.704	ng	#	93
91) Benzo(g,h,i)perylene	31.52	276	745283	38.051	ng	#	91

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

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