Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012018\
Data File : BG032179.D
Acq On : 20 Jan 2018 14:56
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/22/2018 5:28:26 PM

Quant Time: Jan 22 05:05:01 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	8.75	152	42863	20.00	ng		0.00
21) Naphthalene-d8	11.62	136	164410	20.00	ng		0.00
38) Acenaphthene-d10	15.38	164	108443	20.00	ng		0.00
63) Phenanthrene-d10	18.11	188	296908	20.00	ng		0.00
75) Chrysene-d12	22.45	240	396526	20.00	ng		0.00
86) Perylene-d12	26.15	264	417047	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.17	112	180809	77.15	ng		0.00
7) Phenol-d6	7.85	99	221839	75.16	ng		0.00
23) Nitrobenzene-d5	9.94	82	203052	83.56	ng		0.00
41) 2,4,6-Tribromophenol	16.85	330	153153	85.35	ng		0.00
44) 2-Fluorobiphenyl	14.00	172	705121	80.62	ng		0.00
78) Terphenyl-d14	20.65	244	1330643	74.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.83	88	31812	35.332	ng	#	75
3) Pyridine	4.29	79	87059	36.225	ng	#	82
4) n-Nitrosodimethylamine	4.19	42	39650	46.961	ng	#	91
6) Aniline	8.03	93	137593	36.958	ng		96
8) 2-Chlorophenol	8.29	128	98988	37.746	ng		83
9) Benzaldehyde	7.85	77	59858	35.001	ng		87
10) Phenol	7.88	94	107971	37.135	ng		94
11) bis(2-Chloroethyl)ether	8.13	93	79926	34.312	ng		83
12) 1,3-Dichlorobenzene	8.63	146	134232m	39.109	ng		
13) 1,4-Dichlorobenzene	8.78	146	133774	38.709	ng		95
14) 1,2-Dichlorobenzene	9.11	146	127367	38.105	ng		97
15) Benzyl Alcohol	8.97	79	83685	39.028	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.27	45	80817	34.139	ng		77
17) 2-Methylphenol	9.17	107	79613	35.829	ng		96
18) Hexachloroethane	9.87	117	42637	40.144	ng	#	78
19) n-Nitroso-di-n-propylamine	9.56	70	65636	35.840	ng	#	92
20) 3+4-Methylphenols	9.52	107	110210	35.803	ng		97
22) Acetophenone	9.59	105	147913	39.606	ng	#	91
24) Nitrobenzene	9.99	77	103180	42.566	ng	#	85
25) Isophorone	10.51	82	171770	37.960	ng	#	86
26) 2-Nitrophenol	10.71	139	58021	40.396	ng	#	85
27) 2,4-Dimethylphenol	10.74	122	85609	37.560	ng		92
28) bis(2-Chloroethoxy)methane	10.99	93	102532	37.608	ng	#	96
29) 2,4-Dichlorophenol	11.25	162	113136	40.340	ng		90
30) 1,2,4-Trichlorobenzene	11.48	180	152200	42.020	ng		97
31) Naphthalene	11.68	128	315322	38.716	ng		99
32) Benzoic acid	10.85	122	48477	28.866	ng	#	81
33) 4-Chloroaniline	11.77	127	132466	37.928	ng	#	92
34) Hexachlorobutadiene	11.95	225	115761	44.497	ng		97
35) Caprolactam	12.52	113	33959	39.912	ng	#	51
36) 4-Chloro-3-methylphenol	12.85	107	101905	39.697	ng		88
37) 2-Methylnaphthalene	13.24	142	250038	38.669	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.59	216	202843	42.911	ng	#	95
40) Hexachlorocyclopentadiene	13.57	237	119497	44.883	ng		92

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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
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.82	196	108492	40.848	ng		98
43) 2,4,5-Trichlorophenol	13.89	196	128871	41.918	ng	#	92
45) 1,1'-Biphenyl	14.22	154	367663	39.548	ng		93
46) 2-Chloronaphthalene	14.27	162	285788	39.516	ng		96
47) 2-Nitroaniline	14.46	65	64947	46.910	ng	#	83
48) Acenaphthylene	15.11	152	428610	38.918	ng		99
49) Dimethylphthalate	14.81	163	380314	40.077	ng		99
50) 2,6-Dinitrotoluene	14.94	165	83773	42.530	ng	#	69
51) Acenaphthene	15.44	154	290656	39.913	ng		100
52) 3-Nitroaniline	15.27	138	76603	43.059	ng	#	82
53) 2,4-Dinitrophenol	15.47	184	35294	39.574	ng	#	80
54) Dibenzofuran	15.77	168	432615	39.823	ng		100
55) 4-Nitrophenol	15.54	139	59746	46.083	ng	#	77
56) 2,4-Dinitrotoluene	15.71	165	118345	44.627	ng	#	70
57) Fluorene	16.42	166	358327	40.218	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.98	232	122901	43.214	ng	#	85
59) Diethylphthalate	16.15	149	373769	40.628	ng		96
60) 4-Chlorophenyl-phenylether	16.40	204	225064	41.180	ng		92
61) 4-Nitroaniline	16.42	138	83880	49.152	ng		91
62) Azobenzene	16.68	77	233180	40.495	ng		88
64) 4,6-Dinitro-2-methylphenol	16.47	198	73379	39.567	ng	#	70
65) n-Nitrosodiphenylamine	16.61	169	330805	36.718	ng		100
66) 4-Bromophenyl-phenylether	17.29	248	162439	38.452	ng		95
67) Hexachlorobenzene	17.41	284	172590	36.928	ng	#	90
68) Atrazine	17.53	200	153526	40.520	ng		96
69) Pentachlorophenol	17.75	266	114017	38.166	ng		99
70) Phenanthrene	18.16	178	634114	38.360	ng		99
71) Anthracene	18.25	178	645481	39.150	ng		99
72) Carbazole	18.50	167	600389	41.977	ng		98
73) Di-n-butylphthalate	19.02	149	674076	39.885	ng		100
74) Fluoranthene	20.12	202	886164	42.815	ng		96
76) Benzidine	20.28	184	359546	36.261	ng		98
77) Pyrene	20.48	202	913916	36.664	ng		98
79) Butylbenzylphthalate	21.34	149	321338	35.980	ng	#	75
80) Benzo(a)anthracene	22.43	228	952091	38.608	ng		99
81) 3,3'-Dichlorobenzidine	22.32	252	373038	40.495	ng	#	97
82) Chrysene	22.51	228	913013	38.552	ng		99
83) Bis(2-ethylhexyl)phthalate	22.27	149	450332	34.385	ng	#	99
84) Di-n-octyl phthalate	23.65	149	715867	34.416	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.43	276	1153401	39.796	ng	#	88
87) Benzo(b)fluoranthene	24.96	252	993585	39.415	ng	#	96
88) Benzo(k)fluoranthene	25.04	252	971053	39.422	ng	#	95
89) Benzo(a)pyrene	25.97	252	951085	39.884	ng	#	96
90) Dibenzo(a,h)anthracene	30.51	278	959311	41.747	ng	#	94
91) Benzo(g,h,i)perylene	31.78	276	952953	40.574	ng	#	92

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

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