Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
Data File : BG031838.D
Acq On : 28 Dec 2017 23:49
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/29/2017 1:25:36 PM

Quant Time: Dec 29 07:09:37 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	56930	20.00	ng		-0.04
21) Naphthalene-d8	11.69	136	242260	20.00	ng		-0.03
38) Acenaphthene-d10	15.43	164	160552	20.00	ng		-0.03
63) Phenanthrene-d10	18.17	188	388153	20.00	ng		-0.04
75) Chrysene-d12	22.51	240	443996	20.00	ng		-0.06
86) Perylene-d12	26.26	264	488084	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	6.22	112	252185	80.68	ng		-0.03
7) Phenol-d6	7.90	99	324009	79.84	ng		-0.03
23) Nitrobenzene-d5	10.01	82	274952	85.70	ng		-0.03
41) 2,4,6-Tribromophenol	16.90	330	196089	80.04	ng		-0.04
44) 2-Fluorobiphenyl	14.07	172	995956	77.86	ng		-0.03
78) Terphenyl-d14	20.69	244	1469831	75.63	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.88	88	43433	37.486	ng	#	72
3) Pyridine	4.34	79	125025	40.369	ng	#	75
4) n-Nitrosodimethylamine	4.24	42	51114	40.899	ng	#	90
6) Aniline	8.10	93	200917	38.481	ng	#	88
8) 2-Chlorophenol	8.35	128	145678	40.179	ng	#	79
9) Benzaldehyde	7.90	77	90607m	37.080	ng		
10) Phenol	7.93	94	162207	39.591	ng		93
11) bis(2-Chloroethyl)ether	8.19	93	127144	37.367	ng	#	81
12) 1,3-Dichlorobenzene	8.69	146	178946	39.744	ng	#	94
13) 1,4-Dichlorobenzene	8.84	146	178504	38.811	ng		92
14) 1,2-Dichlorobenzene	9.18	146	168177	38.590	ng		93
15) Benzyl Alcohol	9.04	79	121014	39.724	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	9.34	45	97565	35.210	ng		80
17) 2-Methylphenol	9.24	107	116784	39.837	ng		93
18) Hexachloroethane	9.93	117	53749	38.585	ng	#	78
19) n-Nitroso-di-n-propylamine	9.62	70	104577	37.734	ng	#	87
20) 3+4-Methylphenols	9.57	107	165399	39.698	ng		95
22) Acetophenone	9.65	105	218711	38.858	ng	#	85
24) Nitrobenzene	10.05	77	137444	41.567	ng	#	79
25) Isophorone	10.57	82	258774	37.469	ng	#	86
26) 2-Nitrophenol	10.77	139	89225	51.466	ng	#	80
27) 2,4-Dimethylphenol	10.80	122	135799	37.225	ng		90
28) bis(2-Chloroethoxy)methane	11.05	93	171148	36.932	ng	#	97
29) 2,4-Dichlorophenol	11.32	162	172881	40.367	ng		90
30) 1,2,4-Trichlorobenzene	11.54	180	202902	38.802	ng		99
31) Naphthalene	11.74	128	478460	39.134	ng		97
32) Benzoic acid	10.96	122	658m	6.922	ng		
33) 4-Chloroaniline	11.83	127	204506	37.570	ng	#	91
34) Hexachlorobutadiene	12.01	225	144798	40.334	ng		97
35) Caprolactam	12.57	113	48980	37.730	ng	#	45
36) 4-Chloro-3-methylphenol	12.90	107	157502	39.820	ng	#	88
37) 2-Methylnaphthalene	13.30	142	379321	38.271	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	267561	39.565	ng	#	97
40) Hexachlorocyclopentadiene	13.62	237	145279	40.723	ng		88

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.88	196	162125	41.581	ng		99
43) 2,4,5-Trichlorophenol	13.95	196	175501	40.616	ng	#	89
45) 1,1'-Biphenyl	14.28	154	541388	39.481	ng		96
46) 2-Chloronaphthalene	14.33	162	410668	39.263	ng		96
47) 2-Nitroaniline	14.51	65	83695	46.332	ng	#	66
48) Acenaphthylene	15.16	152	646711	38.648	ng		99
49) Dimethylphthalate	14.86	163	532377	37.640	ng	#	99
50) 2,6-Dinitrotoluene	14.99	165	115239	44.289	ng	#	64
51) Acenaphthene	15.50	154	408487	37.274	ng		98
52) 3-Nitroaniline	15.32	138	110871	43.675	ng	#	71
53) 2,4-Dinitrophenol	15.52	184	527	8.064	ng	#	1
54) Dibenzofuran	15.83	168	650923	38.747	ng		97
55) 4-Nitrophenol	15.59	139	60300	29.185	ng	#	74
56) 2,4-Dinitrotoluene	15.76	165	156958	46.913	ng	#	62
57) Fluorene	16.47	166	521945	38.246	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.03	232	135831	32.220	ng	#	82
59) Diethylphthalate	16.20	149	516391	37.458	ng		96
60) 4-Chlorophenyl-phenylether	16.45	204	322008	38.563	ng		92
61) 4-Nitroaniline	16.47	138	109263	44.107	ng		84
62) Azobenzene	16.74	77	326793	36.963	ng		82
64) 4,6-Dinitro-2-methylphenol	16.53	198	2995	9.617	ng	#	74
65) n-Nitrosodiphenylamine	16.66	169	496658	38.526	ng		99
66) 4-Bromophenyl-phenylether	17.34	248	223938	39.897	ng		95
67) Hexachlorobenzene	17.47	284	234604	40.887	ng	#	90
68) Atrazine	17.58	200	193564	38.615	ng		96
69) Pentachlorophenol	17.80	266	33639m	8.523	ng		
70) Phenanthrene	18.21	178	846545	38.538	ng		99
71) Anthracene	18.30	178	856140	38.637	ng		99
72) Carbazole	18.55	167	747742	38.126	ng		99
73) Di-n-butylphthalate	19.07	149	839563	38.520	ng		99
74) Fluoranthene	20.16	202	1049079	38.922	ng		95
76) Benzidine	20.32	184	638416	46.586	ng		98
77) Pyrene	20.52	202	1058231	37.313	ng		97
79) Butylbenzylphthalate	21.39	149	380712	39.988	ng	#	75
80) Benzo(a)anthracene	22.49	228	1081774	38.302	ng		99
81) 3,3'-Dichlorobenzidine	22.38	252	438576	40.051	ng	#	95
82) Chrysene	22.57	228	1017688	38.083	ng		97
83) Bis(2-ethylhexyl)phthalate	22.34	149	541111	39.230	ng	#	96
84) Di-n-octyl phthalate	23.74	149	925775	39.852	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.61	276	1386333	40.438	ng	#	81
87) Benzo(b)fluoranthene	25.06	252	1172681	38.706	ng	#	98
88) Benzo(k)fluoranthene	25.14	252	1131999	37.334	ng	#	96
89) Benzo(a)pyrene	26.09	252	1108559	38.204	ng	#	95
90) Dibenzo(a,h)anthracene	30.70	278	1157045	38.610	ng	#	96
91) Benzo(g,h,i)perylene	30.61	276	1386333	39.182	ng	#	92

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

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