Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020918\
Data File : BG032634.D
Acq On : 9 Feb 2018 17:04
Operator : SJ/JU
Sample : J1499-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RO-154MS

Manual Integrations APPROVED

Sohil

2/13/2018 11:29:45 AM

Quant Time: Feb 09 23:41:35 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	34272	20.00	ng		-0.02
21) Naphthalene-d8	11.56	136	155745	20.00	ng		-0.02
38) Acenaphthene-d10	15.32	164	121074	20.00	ng		-0.02
63) Phenanthrene-d10	18.06	188	292387	20.00	ng		-0.02
75) Chrysene-d12	22.39	240	345487	20.00	ng		-0.01
86) Perylene-d12	26.06	264	364801	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.13	112	249222	146.06	ng		-0.02
7) Phenol-d6	7.81	99	309061	135.74	ng		-0.02
23) Nitrobenzene-d5	9.88	82	232520	93.25	ng		-0.03
41) 2,4,6-Tribromophenol	16.81	330	263542	114.35	ng		-0.01
44) 2-Fluorobiphenyl	13.95	172	839483	82.41	ng		-0.02
78) Terphenyl-d14	20.60	244	1467807	91.01	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.80	88	20022	34.876	ng	#	77
3) Pyridine	4.25	79	44598	28.770	ng	#	81
4) n-Nitrosodimethylamine	4.15	42	37016	45.872	ng	#	76
6) Aniline	7.99	93	26358	9.285	ng	#	95
8) 2-Chlorophenol	8.23	128	100442	49.799	ng		82
9) Benzaldehyde	7.79	77	20478	17.413	ng		89
10) Phenol	7.83	94	97123	44.917	ng		87
11) bis(2-Chloroethyl)ether	8.07	93	72825	44.203	ng	#	81
12) 1,3-Dichlorobenzene	8.57	146	107818	39.528	ng		97
13) 1,4-Dichlorobenzene	8.72	146	111125	40.647	ng		93
14) 1,2-Dichlorobenzene	9.05	146	108160	40.386	ng		98
15) Benzyl Alcohol	8.92	79	84593	45.079	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.20	45	83089	53.222	ng		74
17) 2-Methylphenol	9.13	107	74055	42.169	ng	#	91
18) Hexachloroethane	9.80	117	39461	42.991	ng	#	83
19) n-Nitroso-di-n-propylamine	9.50	70	71803	47.561	ng	#	89
20) 3+4-Methylphenols	9.46	107	109727	44.544	ng		95
22) Acetophenone	9.53	105	144018	39.448	ng	#	93
24) Nitrobenzene	9.93	77	106747	44.272	ng		94
25) Isophorone	10.44	82	213282	50.234	ng	#	87
26) 2-Nitrophenol	10.65	139	61897	42.467	ng	#	84
27) 2,4-Dimethylphenol	10.69	122	100933	48.246	ng		92
28) bis(2-Chloroethoxy)methane	10.93	93	111468	47.877	ng	#	93
29) 2,4-Dichlorophenol	11.20	162	132102	47.667	ng		91
30) 1,2,4-Trichlorobenzene	11.41	180	144787	39.198	ng		97
31) Naphthalene	11.61	128	319283	41.974	ng		98
32) Benzoic acid	10.83	122	50243	34.592	ng	#	81
33) 4-Chloroaniline	11.73	127	11484	3.385	ng	#	84
34) Hexachlorobutadiene	11.88	225	111690	38.865	ng		96
35) Caprolactam	12.47	113	27032	33.978	ng	#	53
36) 4-Chloro-3-methylphenol	12.79	107	126139	47.984	ng	#	91
37) 2-Methylnaphthalene	13.18	142	276355	43.245	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.53	216	225277	39.772	ng		96
40) Hexachlorocyclopentadiene	13.51	237	291892	82.478	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.76	196	134039	43.505	ng		98
43) 2,4,5-Trichlorophenol	13.84	196	152984	42.595	ng	#	91
45) 1,1'-Biphenyl	14.16	154	408088	39.895	ng		94
46) 2-Chloronaphthalene	14.21	162	316329	39.456	ng		97
47) 2-Nitroaniline	14.40	65	72945	41.143	ng	#	81
48) Acenaphthylene	15.05	152	475003	39.191	ng		100
49) Dimethylphthalate	14.76	163	441595	39.557	ng	#	98
50) 2,6-Dinitrotoluene	14.89	165	97504	41.613	ng	#	84
51) Acenaphthene	15.39	154	379212	45.114	ng		99
52) 3-Nitroaniline	15.23	138	8218	4.015	ng	#	65
53) 2,4-Dinitrophenol	15.43	184	114208	78.184	ng	#	54
54) Dibenzofuran	15.72	168	522043	41.961	ng		98
55) 4-Nitrophenol	15.51	139	100860	65.827	ng	#	79
56) 2,4-Dinitrotoluene	15.67	165	134037	40.177	ng	#	73
57) Fluorene	16.36	166	414384	40.083	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.94	232	164124	46.332	ng	#	83
59) Diethylphthalate	16.10	149	425706	39.153	ng		96
60) 4-Chlorophenyl-phenylether	16.34	204	276894	42.474	ng		94
61) 4-Nitroaniline	16.38	138	47752	21.769	ng	#	76
62) Azobenzene	16.64	77	284983	43.860	ng		86
64) 4,6-Dinitro-2-methylphenol	16.43	198	84238	38.565	ng	#	70
65) n-Nitrosodiphenylamine	16.55	169	381878	43.764	ng		97
66) 4-Bromophenyl-phenylether	17.24	248	190527	43.985	ng		95
67) Hexachlorobenzene	17.37	284	189326	39.495	ng	#	88
68) Atrazine	17.48	200	146439	39.094	ng		96
69) Pentachlorophenol	17.70	266	230226	76.667	ng		97
70) Phenanthrene	18.11	178	667426	40.932	ng		99
71) Anthracene	18.19	178	698863	43.045	ng		99
72) Carbazole	18.46	167	559899	39.031	ng		99
73) Di-n-butylphthalate	18.96	149	627805	39.528	ng		99
74) Fluoranthene	20.07	202	872773	40.815	ng		94
77) Pyrene	20.43	202	868800	41.000	ng		99
79) Butylbenzylphthalate	21.29	149	298981	44.732	ng	#	78
80) Benzo(a)anthracene	22.37	228	935838	43.693	ng		99
81) 3,3'-Dichlorobenzidine	22.27	252	105849	12.755	ng	#	98
82) Chrysene	22.45	228	895212	43.280	ng		98
83) Bis(2-ethylhexyl)phthalate	22.21	149	423111	44.646	ng	#	99
84) Di-n-octyl phthalate	23.58	149	728225	48.446	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.31	276	1125897	43.028	ng	#	83
87) Benzo(b)fluoranthene	24.89	252	989231m	44.879	ng		
88) Benzo(k)fluoranthene	24.96	252	961074	44.014	ng	#	96
89) Benzo(a)pyrene	25.89	252	961456	45.753	ng	#	95
90) Dibenzo(a,h)anthracene	30.39	278	930604	43.291	ng	#	94
91) Benzo(g,h,i)perylene	31.65	276	926171	43.406	ng	#	91

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

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