Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
Data File : BG034150.D
Acq On : 3 May 2018 13:58
Operator : SJ/JU
Sample : J2626-01MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MS

Manual Integrations APPROVED
Sohil
5/3/2018 6:25:32 PM

Quant Time: May 03 18:25:46 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 19:08:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	82394	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	329892	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	272841	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	713018	20.00	ng		0.00
75) Chrysene-d12	21.77	240	769309	20.00	ng		0.00
86) Perylene-d12	25.06	264	797270	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	559711	109.75	ng		0.00
7) Phenol-d6	7.22	99	846897	106.67	ng		0.00
23) Nitrobenzene-d5	9.24	82	592419	68.90	ng		0.00
41) 2,4,6-Tribromophenol	16.20	330	392909	104.00	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1203604	64.28	ng		-0.01
78) Terphenyl-d14	20.09	244	2242307	63.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	63948	29.861	ng	#	82
3) Pyridine	3.94	79	201055	29.921	ng	#	84
4) n-Nitrosodimethylamine	3.85	42	123272	33.646	ng	#	86
6) Aniline	7.39	93	237056	21.952	ng		93
8) 2-Chlorophenol	7.63	128	179665	35.306	ng		85
9) Benzaldehyde	7.20	77	92630	17.398	ng		97
10) Phenol	7.25	94	303134	37.855	ng		75
11) bis(2-Chloroethyl)ether	7.48	93	200857	31.861	ng		95
12) 1,3-Dichlorobenzene	7.96	146	191381	29.727	ng	#	85
13) 1,4-Dichlorobenzene	8.11	146	197462	30.883	ng		98
14) 1,2-Dichlorobenzene	8.42	146	185105	30.478	ng		94
15) Benzyl Alcohol	8.30	79	275472	32.526	ng		86
16) 2,2'-oxybis(1-Chloropropan	8.60	45	263645	30.395	ng		83
17) 2-Methylphenol	8.50	107	189208	35.909	ng	#	83
18) Hexachloroethane	9.16	117	79438	29.205	ng		97
19) n-Nitroso-di-n-propylamine	8.88	70	214112	30.030	ng		93
20) 3+4-Methylphenols	8.84	107	258121	33.077	ng		76
22) Acetophenone	8.89	105	343619	30.579	ng	#	97
24) Nitrobenzene	9.28	77	302326	32.123	ng	#	86
25) Isophorone	9.80	82	577534	32.927	ng	#	97
26) 2-Nitrophenol	9.99	139	100537	38.588	ng	#	63
27) 2,4-Dimethylphenol	10.05	122	204564	40.500	ng		89
28) bis(2-Chloroethoxy)methane	10.29	93	301318	34.974	ng		95
29) 2,4-Dichlorophenol	10.53	162	226688	37.547	ng		99
30) 1,2,4-Trichlorobenzene	10.75	180	229638	31.588	ng		95
31) Naphthalene	10.94	128	571992	32.987	ng		100
32) Benzoic acid	10.12	122	36965m	11.443	ng		
33) 4-Chloroaniline	11.04	127	104738	13.395	ng	#	91
34) Hexachlorobutadiene	11.22	225	193669	31.474	ng		95
35) Caprolactam	11.81	113	82761m	38.593	ng		
36) 4-Chloro-3-methylphenol	12.16	107	299046	38.200	ng		95
37) 2-Methylnaphthalene	12.54	142	460871	32.780	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	331242	31.374	ng	#	98
40) Hexachlorocyclopentadiene	12.89	237	420807	67.266	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	231099	37.674	ng		99
43) 2,4,5-Trichlorophenol	13.21	196	253438	37.373	ng		92
45) 1,1'-Biphenyl	13.55	154	657345	30.840	ng		96
46) 2-Chloronaphthalene	13.59	162	507766	31.467	ng		95
47) 2-Nitroaniline	13.79	65	235464	36.497	ng		89
48) Acenaphthylene	14.44	152	789508	30.644	ng		95
49) Dimethylphthalate	14.17	163	885338	37.421	ng		99
50) 2,6-Dinitrotoluene	14.28	165	166369	36.614	ng		85
51) Acenaphthene	14.78	154	581592	33.215	ng		96
52) 3-Nitroaniline	14.61	138	98170	21.435	ng	#	68
53) 2,4-Dinitrophenol	14.82	184	97035	54.587	ng	#	70
54) Dibenzofuran	15.12	168	820843	32.336	ng		92
55) 4-Nitrophenol	14.91	139	268078	76.687	ng	#	51
56) 2,4-Dinitrotoluene	15.07	165	238871	38.716	ng		92
57) Fluorene	15.76	166	697966	31.546	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.33	232	271454	38.694	ng		93
59) Diethylphthalate	15.53	149	791240	31.604	ng		98
60) 4-Chlorophenyl-phenylether	15.76	204	430260	32.688	ng		100
61) 4-Nitroaniline	15.78	138	171578	35.317	ng	#	49
62) Azobenzene	16.05	77	854738	31.604	ng		94
64) 4,6-Dinitro-2-methylphenol	15.83	198	128449	38.315	ng		96
65) n-Nitrosodiphenylamine	15.97	169	643534	33.100	ng		97
66) 4-Bromophenyl-phenylether	16.66	248	292149	33.001	ng		94
67) Hexachlorobenzene	16.77	284	285145	31.731	ng	#	91
68) Atrazine	16.92	200	303289	34.727	ng		97
69) Pentachlorophenol	17.11	266	410104	65.477	ng		99
70) Phenanthrene	17.51	178	1198422	32.710	ng		99
71) Anthracene	17.60	178	1230546	33.140	ng		99
72) Carbazole	17.87	167	1117463	32.874	ng		99
73) Di-n-butylphthalate	18.44	149	1269355	31.024	ng	#	96
74) Fluoranthene	19.52	202	1559374	33.681	ng		93
76) Benzidine	19.70	184	709863	35.821	ng		99
77) Pyrene	19.88	202	1557098	32.305	ng		96
79) Butylbenzylphthalate	20.78	149	617419	32.814	ng		91
80) Benzo(a)anthracene	21.74	228	1656197	33.592	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	355912	19.090	ng	#	98
82) Chrysene	21.81	228	1522004	32.253	ng		97
83) Bis(2-ethylhexyl)phthalate	21.66	149	821382	31.718	ng		99
84) Di-n-octyl phthalate	22.91	149	1429718	34.567	ng		99
85) Indeno(1,2,3-cd)pyrene	28.82	276	1848250	35.589	ng	#	88
87) Benzo(b)fluoranthene	24.01	252	1680980	33.377	ng	#	96
88) Benzo(k)fluoranthene	24.08	252	1602825	33.299	ng	#	96
89) Benzo(a)pyrene	24.91	252	1595106	33.853	ng	#	93
90) Dibenzo(a,h)anthracene	28.90	278	1518411	34.186	ng	#	93
91) Benzo(g,h,i)perylene	30.00	276	1499719	34.258	ng	#	89

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

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