Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
Data File : BG035207.D
Acq On : 16 Jun 2018 14:22
Operator : SJ/JU
Sample : J3504-04MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-44COMPMS

Manual Integrations APPROVED
Sohil
6/18/2018 10:43:02 AM

Quant Time: Jun 18 02:34:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	44319	20.00	ng		-0.02
21) Naphthalene-d8	10.87	136	176184	20.00	ng		-0.02
38) Acenaphthene-d10	14.69	164	134840	20.00	ng		-0.01
63) Phenanthrene-d10	17.43	188	363857	20.00	ng		-0.01
75) Chrysene-d12	21.70	240	378745	20.00	ng		-0.02
86) Perylene-d12	24.92	264	367091	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	376567	143.39	ng		0.00
7) Phenol-d6	7.22	99	516400	133.23	ng		0.00
23) Nitrobenzene-d5	9.22	82	412890	111.40	ng		-0.02
41) 2,4,6-Tribromophenol	16.17	330	311697	180.58	ng		-0.01
44) 2-Fluorobiphenyl	13.31	172	941128	90.73	ng		-0.02
78) Terphenyl-d14	20.03	244	1794450	99.24	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	37718	30.103	ng	#	76
3) Pyridine	3.96	79	110722	32.751	ng	#	71
4) n-Nitrosodimethylamine	3.86	42	50079	34.480	ng	#	74
6) Aniline	7.38	93	67414	13.455	ng		95
8) 2-Chlorophenol	7.63	128	129813	47.158	ng		98
9) Benzaldehyde	7.20	77	89183	29.871	ng		95
10) Phenol	7.25	94	166787	41.580	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	134492	43.198	ng		88
12) 1,3-Dichlorobenzene	7.95	146	141339	43.033	ng		95
13) 1,4-Dichlorobenzene	8.10	146	142705	42.089	ng		98
14) 1,2-Dichlorobenzene	8.42	146	139208	43.711	ng		98
15) Benzyl Alcohol	8.30	79	164659	44.833	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.58	45	153242	49.453	ng		78
17) 2-Methylphenol	8.49	107	131753	49.820	ng	#	93
18) Hexachloroethane	9.15	117	50910	41.942	ng		86
19) n-Nitroso-di-n-propylamine	8.87	70	135527	41.156	ng	#	83
20) 3+4-Methylphenols	8.82	107	181924	47.993	ng		95
22) Acetophenone	8.88	105	243069	44.537	ng	#	90
24) Nitrobenzene	9.26	77	195421	51.488	ng		96
25) Isophorone	9.79	82	386372	49.374	ng		99
26) 2-Nitrophenol	9.98	139	78325	59.869	ng	#	86
27) 2,4-Dimethylphenol	10.03	122	145731	52.995	ng		92
28) bis(2-Chloroethoxy)methane	10.27	93	200715	47.729	ng		96
29) 2,4-Dichlorophenol	10.51	162	166884	55.774	ng		93
30) 1,2,4-Trichlorobenzene	10.73	180	169476	47.236	ng		98
31) Naphthalene	10.92	128	444854	48.604	ng		99
32) Benzoic acid	10.16	122	70831	38.455	ng		98
33) 4-Chloroaniline	11.03	127	10218	2.571	ng	#	85
34) Hexachlorobutadiene	11.20	225	127286	45.617	ng		95
35) Caprolactam	11.80	113	43898m	39.698	ng		
36) 4-Chloro-3-methylphenol	12.14	107	209841	56.260	ng		94
37) 2-Methylnaphthalene	12.52	142	352473	50.795	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	232762	46.344	ng		98
40) Hexachlorocyclopentadiene	12.87	237	289271	91.844	ng		90

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42) 2,4,6-Trichlorophenol	13.12	196	161188	53.597	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	178182	53.981	ng		98
45) 1,1'-Biphenyl	13.52	154	488914	45.092	ng		97
46) 2-Chloronaphthalene	13.56	162	386920	47.199	ng		98
47) 2-Nitroaniline	13.76	65	141284	58.365	ng		94
48) Acenaphthylene	14.41	152	659314	47.965	ng		97
49) Dimethylphthalate	14.14	163	558098	47.464	ng		99
50) 2,6-Dinitrotoluene	14.26	165	130043	60.622	ng		90
51) Acenaphthene	14.75	154	406253	45.234	ng		98
52) 3-Nitroaniline	14.58	138	30580	14.528	ng	#	88
53) 2,4-Dinitrophenol	14.79	184	78907	90.891	ng	#	65
54) Dibenzofuran	15.09	168	648343	48.201	ng		94
55) 4-Nitrophenol	14.89	139	145986	82.176	ng		89
56) 2,4-Dinitrotoluene	15.04	165	185442	65.077	ng		89
57) Fluorene	15.73	166	536020	47.683	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	183049	57.084	ng		93
59) Diethylphthalate	15.50	149	564307	47.039	ng		98
60) 4-Chlorophenyl-phenylether	15.72	204	307846	48.025	ng		98
61) 4-Nitroaniline	15.75	138	122047	54.065	ng	#	82
62) Azobenzene	16.01	77	567419	48.267	ng		95
64) 4,6-Dinitro-2-methylphenol	15.80	198	81594	49.116	ng		85
65) n-Nitrosodiphenylamine	15.94	169	488515	44.707	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	216654	49.445	ng		96
67) Hexachlorobenzene	16.73	284	215864	48.402	ng		98
68) Atrazine	16.88	200	221524	47.539	ng		97
69) Pentachlorophenol	17.08	266	219642	73.240	ng		98
70) Phenanthrene	17.47	178	896184	48.486	ng		96
71) Anthracene	17.56	178	907090	48.994	ng		98
72) Carbazole	17.83	167	818795	47.664	ng		97
73) Di-n-butylphthalate	18.39	149	940731	45.946	ng	#	98
74) Fluoranthene	19.47	202	1149960	47.812	ng		97
76) Benzidine	19.65	184	89137	6.326	ng		96
77) Pyrene	19.84	202	1162337	46.552	ng		96
79) Butylbenzylphthalate	20.72	149	430591	47.492	ng		98
80) Benzo(a)anthracene	21.68	228	1174562	48.530	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	123293	13.540	ng	#	94
82) Chrysene	21.75	228	1091697	49.265	ng		98
83) Bis(2-ethylhexyl)phthalate	21.58	149	595083	46.451	ng		98
84) Di-n-octyl phthalate	22.80	149	1020519	46.432	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.60	276	1131722	43.606	ng	#	84
87) Benzo(b)fluoranthene	23.90	252	1129166	49.949	ng	#	97
88) Benzo(k)fluoranthene	23.97	252	1120988	50.692	ng	#	98
89) Benzo(a)pyrene	24.78	252	1087071	51.104	ng	#	95
90) Dibenzo(a,h)anthracene	28.68	278	882493	42.026	ng	#	94
91) Benzo(g,h,i)perylene	29.75	276	940404	45.761	ng	#	95

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

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