Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061418\
Data File : BG035158.D
Acq On : 15 Jun 2018 4:53
Operator : SJ/JU
Sample : J3246-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-02-061218MS

Manual Integrations APPROVED
Sohil
6/15/2018 1:44:06 PM

Quant Time: Jun 15 07:39:45 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	47975	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	189068	20.00	ng		-0.01
38) Acenaphthene-d10	14.69	164	134679	20.00	ng		0.00
63) Phenanthrene-d10	17.43	188	366284	20.00	ng		-0.01
75) Chrysene-d12	21.70	240	381383	20.00	ng		-0.01
86) Perylene-d12	24.93	264	371208	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	359757	126.55	ng		0.00
7) Phenol-d6	7.22	99	505944	120.58	ng		0.00
23) Nitrobenzene-d5	9.23	82	388928	97.78	ng		-0.01
41) 2,4,6-Tribromophenol	16.18	330	275747	159.94	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	865621	83.55	ng		-0.01
78) Terphenyl-d14	20.04	244	1624826	89.24	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	43442	32.029	ng	#	77
3) Pyridine	3.96	79	91796	25.083	ng	#	74
4) n-Nitrosodimethylamine	3.86	42	57256	36.418	ng	#	72
6) Aniline	7.39	93	59715	11.010	ng		97
8) 2-Chlorophenol	7.63	128	135371	45.429	ng		96
9) Benzaldehyde	7.20	77	44644	13.814	ng		96
10) Phenol	7.25	94	176604	40.672	ng		95
11) bis(2-Chloroethyl)ether	7.48	93	140954	41.823	ng		89
12) 1,3-Dichlorobenzene	7.95	146	149481	42.044	ng		94
13) 1,4-Dichlorobenzene	8.10	146	154597	42.122	ng		96
14) 1,2-Dichlorobenzene	8.42	146	147336	42.738	ng		96
15) Benzyl Alcohol	8.30	79	165714	41.682	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.59	45	158274	47.184	ng		75
17) 2-Methylphenol	8.50	107	135490	47.329	ng	#	91
18) Hexachloroethane	9.15	117	54535	41.504	ng		89
19) n-Nitroso-di-n-propylamine	8.87	70	138423	38.832	ng	#	83
20) 3+4-Methylphenols	8.83	107	185896	45.303	ng		94
22) Acetophenone	8.89	105	240424	41.051	ng	#	92
24) Nitrobenzene	9.27	77	199092	48.881	ng	#	95
25) Isophorone	9.79	82	392611	46.752	ng		99
26) 2-Nitrophenol	9.98	139	81735	58.219	ng	#	92
27) 2,4-Dimethylphenol	10.03	122	146094	49.507	ng		88
28) bis(2-Chloroethoxy)methane	10.27	93	202445	44.860	ng		96
29) 2,4-Dichlorophenol	10.51	162	168446	52.460	ng		94
30) 1,2,4-Trichlorobenzene	10.73	180	176895	45.944	ng		97
31) Naphthalene	10.92	128	449150	45.729	ng		99
32) Benzoic acid	10.17	122	100668	50.930	ng		96
33) 4-Chloroaniline	11.03	127	9404	2.205	ng	#	90
34) Hexachlorobutadiene	11.21	225	129995	43.413	ng		96
35) Caprolactam	11.80	113	46357m	39.064	ng		
36) 4-Chloro-3-methylphenol	12.14	107	206633	51.625	ng		96
37) 2-Methylnaphthalene	12.52	142	355883	47.792	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	232332	46.314	ng		99
40) Hexachlorocyclopentadiene	12.87	237	312036	99.191	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	159705	53.168	ng		95
43) 2,4,5-Trichlorophenol	13.19	196	177966	53.980	ng		97
45) 1,1'-Biphenyl	13.53	154	485838	44.862	ng		98
46) 2-Chloronaphthalene	13.57	162	382690	46.739	ng		98
47) 2-Nitroaniline	13.77	65	138689	57.362	ng		94
48) Acenaphthylene	14.41	152	648490	47.234	ng		98
49) Dimethylphthalate	14.14	163	543582	46.284	ng		99
50) 2,6-Dinitrotoluene	14.26	165	126578	59.078	ng		90
51) Acenaphthene	14.75	154	398943	44.474	ng		97
52) 3-Nitroaniline	14.58	138	22156	10.538	ng	#	83
53) 2,4-Dinitrophenol	14.79	184	126241	145.588	ng	#	67
54) Dibenzofuran	15.08	168	640803	47.697	ng		95
55) 4-Nitrophenol	14.89	139	169046	95.271	ng	#	88
56) 2,4-Dinitrotoluene	15.04	165	182532	64.132	ng	#	86
57) Fluorene	15.74	166	534678	47.621	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.31	232	178640	55.776	ng	#	92
59) Diethylphthalate	15.50	149	550127	45.912	ng		97
60) 4-Chlorophenyl-phenylether	15.72	204	312156	48.756	ng		97
61) 4-Nitroaniline	15.75	138	115211	51.097	ng		86
62) Azobenzene	16.02	77	555259	47.289	ng		94
64) 4,6-Dinitro-2-methylphenol	15.81	198	99033	59.218	ng		85
65) n-Nitrosodiphenylamine	15.94	169	472284	42.935	ng		100
66) 4-Bromophenyl-phenylether	16.62	248	210630	47.752	ng		93
67) Hexachlorobenzene	16.73	284	208114	46.355	ng		98
68) Atrazine	16.88	200	182464	38.898	ng		98
69) Pentachlorophenol	17.07	266	261232	86.531	ng		98
70) Phenanthrene	17.47	178	876548	47.110	ng		97
71) Anthracene	17.56	178	885974	47.536	ng		98
72) Carbazole	17.83	167	802727	46.419	ng		99
73) Di-n-butylphthalate	18.39	149	924589	44.858	ng	#	98
74) Fluoranthene	19.48	202	1136798	46.952	ng		97
76) Benzidine	19.67	184	34812	2.453	ng		97
77) Pyrene	19.84	202	1134545	45.125	ng		97
79) Butylbenzylphthalate	20.72	149	427301	46.804	ng		98
80) Benzo(a)anthracene	21.68	228	1151384	47.243	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	127895	13.948	ng		97
82) Chrysene	21.75	228	1069362	47.923	ng		97
83) Bis(2-ethylhexyl)phthalate	21.59	149	590981	45.812	ng	#	99
84) Di-n-octyl phthalate	22.81	149	1017036	45.954	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.61	276	1159573	44.370	ng	#	81
87) Benzo(b)fluoranthene	23.91	252	1134253	49.618	ng	#	97
88) Benzo(k)fluoranthene	23.98	252	1072971	47.982	ng	#	97
89) Benzo(a)pyrene	24.78	252	1067962	49.648	ng	#	95
90) Dibenzo(a,h)anthracene	28.68	278	911726	42.936	ng	#	95
91) Benzo(g,h,i)perylene	29.78	276	925030	44.513	ng	#	94

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

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