Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010819\
Data File : BG039002.D
Acq On : 8 Jan 2019 20:31
Operator : JU/SJ
Sample : K1074-13MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W12-7MS

Manual Integrations APPROVED
Sohil
1/9/2019 11:28:14 AM

Quant Time: Jan 09 03:20:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	24337	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	102262	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	75700	20.00	ng		-0.02
64) Phenanthrene-d10	17.43	188	187497	20.00	ng		-0.01
76) Chrysene-d12	21.71	240	192001	20.00	ng		-0.02
87) Perylene-d12	25.01	264	208849	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	130807	95.33	ng		0.00
7) Phenol-d6	7.21	99	191740	101.79	ng		0.00
23) Nitrobenzene-d5	9.22	82	106019	52.96	ng		-0.02
42) 2,4,6-Tribromophenol	16.18	330	114006	109.28	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	318950	57.80	ng		-0.02
79) Terphenyl-d14	20.04	244	591509	67.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	12182	19.076	ng		98
3) Pyridine	3.88	79	26416	15.024	ng		94
4) n-Nitrosodimethylamine	3.81	42	20063	23.288	ng		99
6) Aniline	7.37	93	46900	19.504	ng		100
8) 2-Chlorophenol	7.61	128	48116	30.302	ng		91
9) Benzaldehyde	7.19	77	17040	13.945	ng		92
10) Phenol	7.23	94	72239	36.097	ng		96
11) bis(2-Chloroethyl)ether	7.46	93	41019	25.745	ng		91
12) 1,3-Dichlorobenzene	7.93	146	48355	25.755	ng		97
13) 1,4-Dichlorobenzene	8.08	146	49757	25.877	ng		94
14) 1,2-Dichlorobenzene	8.40	146	48741	26.888	ng		95
15) Benzyl Alcohol	8.29	79	43979	29.912	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	78567	21.526	ng		96
17) 2-Methylphenol	8.48	107	43950	32.779	ng		95
18) Hexachloroethane	9.12	117	17103	24.341	ng		90
19) n-Nitroso-di-n-propylamine	8.85	70	35240	26.637	ng		91
20) 3+4-Methylphenols	8.82	107	60751	32.808	ng		97
22) Acetophenone	8.88	105	72052	28.208	ng	#	91
24) Nitrobenzene	9.27	77	51568	25.466	ng		95
25) Isophorone	9.78	82	104252	28.987	ng		96
26) 2-Nitrophenol	9.98	139	28173	27.183	ng		91
27) 2,4-Dimethylphenol	10.02	122	51748	34.838	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	60009	29.567	ng		97
29) 2,4-Dichlorophenol	10.51	162	58926	35.660	ng		97
30) 1,2,4-Trichlorobenzene	10.72	180	58610	29.363	ng		97
31) Naphthalene	10.91	128	153777	30.520	ng		100
32) Benzoic acid	10.15	122	8211m	17.024	ng		
33) 4-Chloroaniline	11.03	127	42123	19.256	ng		94
34) Hexachlorobutadiene	11.17	225	38798	28.726	ng	#	91
35) Caprolactam	11.81	113	17619	25.764	ng	#	87
36) 4-Chloro-3-methylphenol	12.14	107	61184	32.446	ng		92
37) 2-Methylnaphthalene	12.51	142	120921	33.640	ng		98
38) 1-Methylnaphthalene	12.73	142	117057	33.559	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	78076	27.592	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	85756	55.163	ng		97
43) 2,4,6-Trichlorophenol	13.12	196	54307	31.214	ng		93
44) 2,4,5-Trichlorophenol	13.20	196	56004	30.402	ng		93
46) 1,1'-Biphenyl	13.51	154	165409	26.065	ng		99
47) 2-Chloronaphthalene	13.57	162	133254	27.183	ng		98
48) 2-Nitroaniline	13.78	65	40190	25.739	ng		84
49) Acenaphthylene	14.41	152	219941	30.012	ng		99
50) Dimethylphthalate	14.14	163	231671	37.476	ng		99
51) 2,6-Dinitrotoluene	14.27	165	40097	28.622	ng		89
52) Acenaphthene	14.75	154	127480	29.091	ng		98
53) 3-Nitroaniline	14.61	138	27687	19.388	ng		93
54) 2,4-Dinitrophenol	14.81	184	27368	35.888	ng		97
55) Dibenzofuran	15.08	168	216602	28.836	ng		96
56) 4-Nitrophenol	14.91	139	58908	54.374	ng		97
57) 2,4-Dinitrotoluene	15.05	165	57926	29.357	ng		91
58) Fluorene	15.73	166	174783	31.407	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	54524	32.899	ng		95
60) Diethylphthalate	15.49	149	183330	27.014	ng		98
61) 4-Chlorophenyl-phenylether	15.72	204	98622	28.402	ng		97
62) 4-Nitroaniline	15.77	138	40652	27.650	ng		97
63) Azobenzene	16.01	77	139054	24.528	ng		92
65) 4,6-Dinitro-2-methylphenol	15.82	198	33707	25.201	ng		85
66) n-Nitrosodiphenylamine	15.93	169	160575	29.147	ng		95
67) 4-Bromophenyl-phenylether	16.61	248	64996	28.384	ng		97
68) Hexachlorobenzene	16.73	284	69758	29.388	ng		96
69) Atrazine	16.88	200	66838	32.692	ng		97
70) Pentachlorophenol	17.08	266	74987	53.409	ng		97
71) Phenanthrene	17.48	178	295203	30.362	ng		99
72) Anthracene	17.57	178	299322	31.184	ng		99
73) Carbazole	17.84	167	269474	28.387	ng		99
74) Di-n-butylphthalate	18.37	149	304325	27.939	ng	#	97
75) Fluoranthene	19.48	202	366329	30.451	ng		98
77) Benzidine	19.67	184	142992	25.182	ng		98
78) Pyrene	19.85	202	367536	28.976	ng		99
80) Butylbenzylphthalate	20.71	149	135061	27.255	ng		97
81) Benzo(a)anthracene	21.69	228	354020	30.259	ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	89210	19.226	ng		98
83) Chrysene	21.76	228	324939	28.835	ng		100
84) Bis(2-ethylhexyl)phthalate	21.56	149	192669	27.413	ng		98
85) Di-n-octyl phthalate	22.78	149	332060	28.211	ng		95
86) Indeno(1,2,3-cd)pyrene	28.77	276	392748	29.645	ng	#	81
88) Benzo(b)fluoranthene	23.95	252	345652	30.144	ng		97
89) Benzo(k)fluoranthene	24.02	252	337632	29.569	ng		96
90) Benzo(a)pyrene	24.85	252	336865	30.452	ng		99
91) Dibenzo(a,h)anthracene	28.84	278	327508	29.734	ng		98
92) Benzo(g,h,i)perylene	29.98	276	322347	29.696	ng		96

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

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