Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121118\
Data File : BG038476.D
Acq On : 11 Dec 2018 19:19
Operator : JU/SJ
Sample : J6195-06MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

Manual Integrations APPROVED
Sohil
12/12/2018 5:38:43 PM

Quant Time: Dec 12 03:45:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	23728	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	99658	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	99742	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	168761	20.00	ng	0.00
76) Chrysene-d12	21.74	240	161630	20.00	ng	0.00
87) Perylene-d12	25.04	264	173265	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	190282	141.91	ng	0.00
7) Phenol-d6	7.23	99	248540	128.25	ng	0.00
23) Nitrobenzene-d5	9.25	82	189324	94.32	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	141829	115.83	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	645200	92.17	ng	0.00
79) Terphenyl-d14	20.06	244	799746	106.00	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	19056	31.009	ng	# 1
3) Pyridine	3.92	79	59814	32.534	ng	# 81
4) n-Nitrosodimethylamine	3.83	42	38381	47.659	ng	# 79
6) Aniline	7.40	93	33546	13.553	ng	95
8) 2-Chlorophenol	7.63	128	74645	47.935	ng	99
9) Benzaldehyde	7.21	77	33238	27.085	ng	95
10) Phenol	7.25	94	82717	40.397	ng	88
11) bis(2-Chloroethyl)ether	7.49	93	70406	41.985	ng	99
12) 1,3-Dichlorobenzene	7.95	146	75386	41.420	ng	98
13) 1,4-Dichlorobenzene	8.11	146	79031	41.968	ng	98
14) 1,2-Dichlorobenzene	8.42	146	73539	43.020	ng	96
15) Benzyl Alcohol	8.31	79	71852	45.097	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.59	45	157023	41.166	ng	97
17) 2-Methylphenol	8.51	107	65764	46.882	ng	92
18) Hexachloroethane	9.15	117	28826	42.413	ng	93
19) n-Nitroso-di-n-propylamine	8.88	70	60711	43.022	ng	93
20) 3+4-Methylphenols	8.83	107	91323	44.271	ng	96
22) Acetophenone	8.90	105	116082	48.829	ng	# 95
24) Nitrobenzene	9.29	77	92008	45.116	ng	97
25) Isophorone	9.80	82	174487	49.464	ng	# 96
26) 2-Nitrophenol	10.00	139	45702	48.365	ng	# 91
27) 2,4-Dimethylphenol	10.05	122	79387	58.491	ng	97
28) bis(2-Chloroethoxy)methane	10.29	93	99028	48.969	ng	97
29) 2,4-Dichlorophenol	10.53	162	84075	54.266	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	84657	46.548	ng	98
31) Naphthalene	10.94	128	241119	50.651	ng	99
32) Benzoic acid	10.17	122	20026m	23.481	ng	
33) 4-Chloroaniline	11.07	127	4653	2.208	ng	# 92
34) Hexachlorobutadiene	11.20	225	55978	49.199	ng	97
35) Caprolactam	11.84	113	21869	34.133	ng	94
36) 4-Chloro-3-methylphenol	12.16	107	144639	84.024	ng	96
37) 2-Methylnaphthalene	12.54	142	283988	83.769	ng	100
38) 1-Methylnaphthalene	12.75	142	271967	83.760	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	143618	41.845	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	150868	79.990	ng		98
43) 2,4,6-Trichlorophenol	13.14	196	104967	47.213	ng		100
44) 2,4,5-Trichlorophenol	13.21	196	117428	49.857	ng		95
46) 1,1'-Biphenyl	13.54	154	365445	43.345	ng		99
47) 2-Chloronaphthalene	13.59	162	289133	45.446	ng		98
48) 2-Nitroaniline	13.80	65	104755	49.079	ng		96
49) Acenaphthylene	14.43	152	479430	50.036	ng		99
50) Dimethylphthalate	14.16	163	395720	49.464	ng		99
51) 2,6-Dinitrotoluene	14.29	165	90145	49.327	ng		96
52) Acenaphthene	14.77	154	271609	46.498	ng		98
53) 3-Nitroaniline	14.62	138	20131	10.228	ng	#	86
54) 2,4-Dinitrophenol	14.83	184	42577	42.501	ng		93
55) Dibenzofuran	15.10	168	442598	45.832	ng		97
56) 4-Nitrophenol	14.92	139	110611	71.144	ng		91
57) 2,4-Dinitrotoluene	15.07	165	125541	49.808	ng	#	97
58) Fluorene	15.75	166	311866	43.835	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.33	232	96550	47.198	ng		98
60) Diethylphthalate	15.51	149	389296	43.923	ng		100
61) 4-Chlorophenyl-phenylether	15.74	204	169015	39.550	ng		99
62) 4-Nitroaniline	15.79	138	72627	37.518	ng		85
63) Azobenzene	16.03	77	245324	31.627	ng		94
65) 4,6-Dinitro-2-methylphenol	15.83	198	36016	32.572	ng		93
66) n-Nitrosodiphenylamine	15.96	169	234863	49.490	ng		100
67) 4-Bromophenyl-phenylether	16.64	248	96210	52.792	ng		98
68) Hexachlorobenzene	16.75	284	98923	52.625	ng		95
69) Atrazine	16.90	200	94805	53.538	ng		97
70) Pentachlorophenol	17.10	266	81343	63.177	ng		96
71) Phenanthrene	17.50	178	444138	52.552	ng		99
72) Anthracene	17.59	178	449220	54.887	ng		99
73) Carbazole	17.87	167	396499	48.812	ng		100
74) Di-n-butylphthalate	18.39	149	478848	50.460	ng		99
75) Fluoranthene	19.50	202	536802	54.364	ng		97
77) Benzidine	19.69	184	126361	23.168	ng		98
78) Pyrene	19.87	202	534958	47.304	ng		98
80) Butylbenzylphthalate	20.73	149	211171	46.427	ng		99
81) Benzo(a)anthracene	21.71	228	507886	51.126	ng		99
82) 3,3'-Dichlorobenzidine	21.63	252	83690	21.657	ng	#	99
83) Chrysene	21.78	228	469908	49.987	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	294469	45.676	ng		98
85) Di-n-octyl phthalate	22.81	149	499001	45.140	ng		98
86) Indeno(1,2,3-cd)pyrene	28.83	276	551442	51.616	ng	#	96
88) Benzo(b)fluoranthene	23.99	252	497484	50.815	ng	#	97
89) Benzo(k)fluoranthene	24.05	252	492649	50.525	ng	#	98
90) Benzo(a)pyrene	24.89	252	486710	51.253	ng	#	97
91) Dibenzo(a,h)anthracene	28.90	278	450390	50.006	ng	#	96
92) Benzo(g,h,i)perylene	30.03	276	446927	50.015	ng	#	93

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

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