Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
Data File : BG037201.D
Acq On : 5 Oct 2018 22:57
Operator : JU/SJ
Sample : J5199-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MS

Manual Integrations APPROVED
Sohil
10/8/2018 1:56:14 PM

Quant Time: Oct 06 05:04:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	38898	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	166350	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	117592	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	298181	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	300007	20.00	ng	-0.02
86) Perylene-d12	24.86	264	309836	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	262328	129.34	ng	-0.01
7) Phenol-d6	7.20	99	345308	110.04	ng	-0.02
23) Nitrobenzene-d5	9.19	82	278499	89.65	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	181609	129.08	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	593676	75.19	ng	-0.02
78) Terphenyl-d14	20.01	244	1080030	94.66	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	43301	46.655	ng	# 88
3) Pyridine	3.92	79	112527	41.990	ng	95
4) n-Nitrosodimethylamine	3.83	42	67917	57.022	ng	# 90
6) Aniline	7.36	93	76592	18.810	ng	96
8) 2-Chlorophenol	7.59	128	128020	54.359	ng	95
9) Benzaldehyde	7.17	77	79561	38.369	ng	98
10) Phenol	7.22	94	151203	46.687	ng	95
11) bis(2-Chloroethyl)ether	7.45	93	130289	43.490	ng	99
12) 1,3-Dichlorobenzene	7.92	146	128709	44.578	ng	97
13) 1,4-Dichlorobenzene	8.06	146	129571	43.852	ng	98
14) 1,2-Dichlorobenzene	8.38	146	129282	45.151	ng	99
15) Benzyl Alcohol	8.27	79	126431	49.653	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	274279	47.688	ng	98
17) 2-Methylphenol	8.48	107	112879	50.036	ng	97
18) Hexachloroethane	9.11	117	51617	47.471	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	120050	45.987	ng	98
20) 3+4-Methylphenols	8.80	107	159123	50.702	ng	99
22) Acetophenone	8.85	105	210532	53.856	ng	95
24) Nitrobenzene	9.23	77	174680	52.657	ng	98
25) Isophorone	9.76	82	342726	60.381	ng	98
26) 2-Nitrophenol	9.94	139	73710	55.745	ng	99
27) 2,4-Dimethylphenol	10.00	122	129598	62.921	ng	95
28) bis(2-Chloroethoxy)methane	10.24	93	187997	53.677	ng	98
29) 2,4-Dichlorophenol	10.49	162	141531	59.276	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	139258	46.605	ng	99
31) Naphthalene	10.88	128	451724	57.071	ng	99
32) Benzoic acid	10.13	122	13013m	13.065	ng	
33) 4-Chloroaniline	11.02	127	11642	3.235	ng	95
34) Hexachlorobutadiene	11.17	225	92832	44.925	ng	96
35) Caprolactam	11.77	113	42963m	43.718	ng	
36) 4-Chloro-3-methylphenol	12.11	107	178038	62.492	ng	98
37) 2-Methylnaphthalene	12.48	142	330090	54.757	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	183147	44.655	ng	98
40) Hexachlorocyclopentadiene	12.83	237	188112	89.179	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	123092	54.046	ng		96
43) 2,4,5-Trichlorophenol	13.17	196	139397	57.399	ng		97
45) 1,1'-Biphenyl	13.49	154	439468	48.798	ng		97
46) 2-Chloronaphthalene	13.53	162	334956	47.294	ng		99
47) 2-Nitroaniline	13.74	65	138200	56.416	ng		97
48) Acenaphthylene	14.38	152	595970	53.700	ng		99
49) Dimethylphthalate	14.11	163	479240	50.631	ng		98
50) 2,6-Dinitrotoluene	14.23	165	108671	52.621	ng		99
51) Acenaphthene	14.72	154	338423	50.455	ng		99
52) 3-Nitroaniline	14.57	138	28856	13.260	ng	#	96
53) 2,4-Dinitrophenol	14.78	184	26499	32.411	ng		94
54) Dibenzofuran	15.06	168	561017	49.449	ng		99
55) 4-Nitrophenol	14.88	139	136688	98.320	ng		95
56) 2,4-Dinitrotoluene	15.02	165	152734	53.001	ng		97
57) Fluorene	15.70	166	463979	54.715	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.28	232	141414	57.401	ng		99
59) Diethylphthalate	15.47	149	492501	51.588	ng		99
60) 4-Chlorophenyl-phenylether	15.70	204	250829	46.707	ng		97
61) 4-Nitroaniline	15.73	138	110805	48.406	ng		98
62) Azobenzene	15.98	77	505645	55.123	ng		98
64) 4,6-Dinitro-2-methylphenol	15.79	198	41747	26.779	ng		95
65) n-Nitrosodiphenylamine	15.91	169	424620	51.582	ng		97
66) 4-Bromophenyl-phenylether	16.59	248	165166	48.698	ng		97
67) Hexachlorobenzene	16.71	284	166987	47.804	ng		98
68) Atrazine	16.86	200	177666	53.302	ng		98
69) Pentachlorophenol	17.05	266	138779	63.101	ng		98
70) Phenanthrene	17.45	178	777182	54.087	ng		98
71) Anthracene	17.54	178	803749	56.569	ng		99
72) Carbazole	17.81	167	701773	50.658	ng		98
73) Di-n-butylphthalate	18.36	149	830780	54.001	ng		99
74) Fluoranthene	19.45	202	936950	54.170	ng		100
76) Benzidine	19.64	184	137332	15.143	ng		96
77) Pyrene	19.81	202	927124	51.498	ng		100
79) Butylbenzylphthalate	20.69	149	396193	55.212	ng		99
80) Benzo(a)anthracene	21.65	228	927502	52.961	ng		98
81) 3,3'-Dichlorobenzidine	21.56	252	136589	20.490	ng	#	99
82) Chrysene	21.71	228	888906	52.533	ng		99
83) Bis(2-ethylhexyl)phthalate	21.55	149	553916	55.256	ng		97
84) Di-n-octyl phthalate	22.75	149	938077	56.836	ng		100
85) Indeno(1,2,3-cd)pyrene	28.50	276	1060070	58.341	ng	#	94
87) Benzo(b)fluoranthene	23.85	252	908569	55.025	ng		98
88) Benzo(k)fluoranthene	23.92	252	916129	55.302	ng		100
89) Benzo(a)pyrene	24.72	252	896638	56.169	ng		100
90) Dibenzo(a,h)anthracene	28.56	278	858219	57.364	ng		99
91) Benzo(g,h,i)perylene	29.63	276	870758	57.993	ng		99

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

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