Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
Data File : BG039291.D
Acq On : 25 Jan 2019 23:17
Operator : JU/SJ
Sample : PB116630BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116630BS

Manual Integrations APPROVED
mohammad
1/29/2019 12:25:56 AM

Quant Time: Jan 28 03:48:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	13269	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	70567	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	35894	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	99628	20.00	ng	0.00
76) Chrysene-d12	21.67	240	121812	20.00	ng	0.00
87) Perylene-d12	24.93	264	124492	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	100481	143.65	ng	0.00
7) Phenol-d6	7.17	99	135020	134.13	ng	0.00
23) Nitrobenzene-d5	9.18	82	87214	67.63	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	78008	129.65	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	221506	84.46	ng	0.00
79) Terphenyl-d14	20.00	244	601893	91.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	8147	29.743	ng	# 76
3) Pyridine	3.83	79	27612	37.098	ng	98
4) n-Nitrosodimethylamine	3.76	42	17068	50.960	ng	98
6) Aniline	7.34	93	23016	19.038	ng	98
8) 2-Chlorophenol	7.56	128	36018	43.682	ng	95
9) Benzaldehyde	7.15	77	7680	13.229	ng	94
10) Phenol	7.19	94	44672	44.263	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	29747	38.565	ng	98
12) 1,3-Dichlorobenzene	7.89	146	37228	37.684	ng	98
13) 1,4-Dichlorobenzene	8.04	146	39313	39.293	ng	98
14) 1,2-Dichlorobenzene	8.36	146	37773	39.596	ng	95
15) Benzyl Alcohol	8.25	79	38317	50.545	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.52	45	61698	41.714	ng	99
17) 2-Methylphenol	8.45	107	31132	44.424	ng	97
18) Hexachloroethane	9.08	117	15227	44.797	ng	92
19) n-Nitroso-di-n-propylamine	8.81	70	33351	50.453	ng	95
20) 3+4-Methylphenols	8.78	107	57323	57.372	ng	99
22) Acetophenone	8.83	105	65584	35.588	ng	# 99
24) Nitrobenzene	9.23	77	43797	33.599	ng	95
25) Isophorone	9.74	82	81200	36.553	ng	98
26) 2-Nitrophenol	9.94	139	22712	32.213	ng	99
27) 2,4-Dimethylphenol	9.99	122	38528	38.841	ng	91
28) bis(2-Chloroethoxy)methane	10.22	93	41152	30.824	ng	96
29) 2,4-Dichlorophenol	10.47	162	40502	32.867	ng	99
30) 1,2,4-Trichlorobenzene	10.68	180	56906	38.433	ng	99
31) Naphthalene	10.87	128	154506	43.655	ng	98
32) Benzoic acid	10.17	122	5574m	16.786	ng	
33) 4-Chloroaniline	11.00	127	18434	11.640	ng	99
34) Hexachlorobutadiene	11.13	225	36720	36.042	ng	99
35) Caprolactam	11.78	113	15304	30.970	ng	95
36) 4-Chloro-3-methylphenol	12.11	107	56146	42.599	ng	94
37) 2-Methylnaphthalene	12.48	142	87845	33.105	ng	98
38) 1-Methylnaphthalene	12.69	142	81219	31.889	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	55155	40.915	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	60187	79.327	ng		95
43) 2,4,6-Trichlorophenol	13.09	196	35473	41.811	ng		96
44) 2,4,5-Trichlorophenol	13.16	196	38361	42.780	ng		97
46) 1,1'-Biphenyl	13.48	154	112835	39.673	ng		98
47) 2-Chloronaphthalene	13.53	162	91250	39.647	ng		97
48) 2-Nitroaniline	13.75	65	27258	42.274	ng		94
49) Acenaphthylene	14.37	152	151136	43.688	ng		99
50) Dimethylphthalate	14.10	163	127540	42.048	ng		100
51) 2,6-Dinitrotoluene	14.23	165	28874	42.578	ng		95
52) Acenaphthene	14.71	154	86093	41.421	ng		94
53) 3-Nitroaniline	14.57	138	11048	16.060	ng		97
54) 2,4-Dinitrophenol	14.79	184	12149	33.334	ng	#	85
55) Dibenzofuran	15.04	168	154194	42.005	ng		99
56) 4-Nitrophenol	14.88	139	43384	87.647	ng		97
57) 2,4-Dinitrotoluene	15.02	165	42939	44.134	ng		96
58) Fluorene	15.70	166	124559	45.079	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	37517	44.322	ng		99
60) Diethylphthalate	15.45	149	136138	43.562	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	70866	40.709	ng		98
62) 4-Nitroaniline	15.74	138	29557	41.243	ng		94
63) Azobenzene	15.97	77	103241	42.244	ng		96
65) 4,6-Dinitro-2-methylphenol	15.78	198	17555	23.784	ng		93
66) n-Nitrosodiphenylamine	15.90	169	117332	39.727	ng		98
67) 4-Bromophenyl-phenylether	16.58	248	49112	38.349	ng		98
68) Hexachlorobenzene	16.70	284	53635	38.381	ng		96
69) Atrazine	16.84	200	51717	41.219	ng		95
70) Pentachlorophenol	17.05	266	40766	49.591	ng		97
71) Phenanthrene	17.44	178	230589	43.788	ng		99
72) Anthracene	17.53	178	237797	45.671	ng		99
73) Carbazole	17.81	167	210232	40.902	ng		100
74) Di-n-butylphthalate	18.33	149	244846	42.820	ng		98
75) Fluoranthene	19.45	202	393760	60.317	ng		99
77) Benzidine	19.63	184	72936	19.576	ng		97
78) Pyrene	19.82	202	402078	51.795	ng		100
80) Butylbenzylphthalate	20.68	149	149202	50.534	ng		99
81) Benzo(a)anthracene	21.65	228	350542	47.273	ng		99
82) 3,3'-Dichlorobenzidine	21.57	252	57573	19.056	ng		100
83) Chrysene	21.72	228	343600	48.720	ng		99
84) Bis(2-ethylhexyl)phthalate	21.51	149	192966	47.069	ng		96
85) Di-n-octyl phthalate	22.72	149	318997	46.017	ng		100
86) Indeno(1,2,3-cd)pyrene	28.66	276	358594	42.552	ng		99
88) Benzo(b)fluoranthene	23.89	252	355578	51.800	ng		99
89) Benzo(k)fluoranthene	23.95	252	346617	51.070	ng		99
90) Benzo(a)pyrene	24.77	252	325288	49.026	ng		98
91) Dibenzo(a,h)anthracene	28.72	278	303270	45.952	ng		98
92) Benzo(g,h,i)perylene	29.84	276	297234	45.493	ng		96

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

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