Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042528.D
Acq On : 28 Aug 2019 10:40
Operator : HP/JU
Sample : PB122599BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB122599BS

Manual Integrations APPROVED
Jagrut
8/29/2019 7:48:43 PM

Quant Time: Aug 28 15:24:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	33556	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	135593	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	103222	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	246112	20.00	ng		0.00
76) Chrysene-d12	21.69	240	282957	20.00	ng		0.00
87) Perylene-d12	24.93	264	334733	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	212137	128.04	ng		0.00
7) Phenol-d6	7.17	99	271719	121.41	ng		0.00
23) Nitrobenzene-d5	9.17	82	139083	70.88	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	168595	114.91	ng		-0.01
45) 2-Fluorobiphenyl	13.28	172	448858	73.55	ng		0.00
79) Terphenyl-d14	20.02	244	946589	72.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	30911	44.706	ng		100
3) Pyridine	3.82	79	64119	36.164	ng		98
4) n-Nitrosodimethylamine	3.73	42	29280	46.237	ng	#	91
6) Aniline	7.32	93	95218	31.898	ng		98
8) 2-Chlorophenol	7.57	128	94644	47.134	ng		98
9) Benzaldehyde	7.12	77	54645	48.771	ng		95
10) Phenol	7.19	94	107628	47.299	ng		95
11) bis(2-Chloroethyl)ether	7.41	93	73805	41.299	ng		97
12) 1,3-Dichlorobenzene	7.89	146	107884	42.234	ng		97
13) 1,4-Dichlorobenzene	8.04	146	111071	42.927	ng		98
14) 1,2-Dichlorobenzene	8.36	146	104394	42.131	ng		98
15) Benzyl Alcohol	8.24	79	69258	43.014	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	96759	39.947	ng		100
17) 2-Methylphenol	8.45	107	77178	46.048	ng		95
18) Hexachloroethane	9.09	117	37167	41.959	ng		95
19) n-Nitroso-di-n-propylamine	8.80	70	59286	40.889	ng		98
20) 3+4-Methylphenols	8.78	107	103644	44.689	ng		99
22) Acetophenone	8.82	105	129569	44.677	ng		98
24) Nitrobenzene	9.21	77	86246	43.406	ng		98
25) Isophorone	9.73	82	163474	42.215	ng		97
26) 2-Nitrophenol	9.93	139	55939	44.925	ng		96
27) 2,4-Dimethylphenol	9.99	122	88603	51.657	ng		97
28) bis(2-Chloroethoxy)methane	10.22	93	102682	42.071	ng		99
29) 2,4-Dichlorophenol	10.47	162	106827	47.603	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	118504	43.022	ng		94
31) Naphthalene	10.87	128	279854	44.455	ng		99
32) Benzoic acid	10.14	122	43167	36.945	ng		95
33) 4-Chloroaniline	10.98	127	77415	26.639	ng		98
34) Hexachlorobutadiene	11.16	225	77403	41.812	ng		97
35) Caprolactam	11.75	113	31916m	42.622	ng		
36) 4-Chloro-3-methylphenol	12.11	107	97446	45.743	ng		98
37) 2-Methylnaphthalene	12.48	142	222944	44.105	ng		99
38) 1-Methylnaphthalene	12.70	142	209256	43.582	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	147392	44.464	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	174022	99.941	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	96899	43.247	ng		99
44) 2,4,5-Trichlorophenol	13.17	196	104257	44.901	ng		99
46) 1,1'-Biphenyl	13.49	154	293677	44.014	ng		99
47) 2-Chloronaphthalene	13.53	162	244046	42.418	ng		99
48) 2-Nitroaniline	13.73	65	56466	40.700	ng		98
49) Acenaphthylene	14.38	152	389777	45.031	ng		99
50) Dimethylphthalate	14.11	163	318153	42.717	ng		99
51) 2,6-Dinitrotoluene	14.23	165	76132	44.100	ng		97
52) Acenaphthene	14.72	154	223293	42.484	ng		99
53) 3-Nitroaniline	14.56	138	47992	27.797	ng		95
54) 2,4-Dinitrophenol	14.77	184	86142	74.491	ng		98
55) Dibenzofuran	15.06	168	389648	44.787	ng		99
56) 4-Nitrophenol	14.89	139	113301	92.353	ng		96
57) 2,4-Dinitrotoluene	15.02	165	109156	44.155	ng		98
58) Fluorene	15.71	166	314475	44.219	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	107861m	46.974	ng		
60) Diethylphthalate	15.47	149	311268	42.753	ng		100
61) 4-Chlorophenyl-phenylether	15.70	204	184302	42.990	ng		97
62) 4-Nitroaniline	15.73	138	79253	42.890	ng		95
63) Azobenzene	15.99	77	216379	43.372	ng		99
65) 4,6-Dinitro-2-methylphenol	15.79	198	71846	46.562	ng		97
66) n-Nitrosodiphenylamine	15.91	169	297174	43.907	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	130328	41.748	ng		99
68) Hexachlorobenzene	16.72	284	137643	40.560	ng		98
69) Atrazine	16.86	200	115351	48.194	ng		99
70) Pentachlorophenol	17.07	266	160824	91.208	ng		98
71) Phenanthrene	17.45	178	550317	45.016	ng		99
72) Anthracene	17.54	178	564861	46.285	ng		99
73) Carbazole	17.81	167	507277	46.639	ng		99
74) Di-n-butylphthalate	18.37	149	583586	45.390	ng		100
75) Fluoranthene	19.46	202	752486	50.437	ng		97
77) Benzidine	19.64	184	360312	44.414	ng		99
78) Pyrene	19.83	202	766396	44.178	ng		99
80) Butylbenzylphthalate	20.71	149	287306	42.106	ng		99
81) Benzo(a)anthracene	21.67	228	760140	44.161	ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	219833	31.755	ng		98
83) Chrysene	21.74	228	736395	44.360	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	408620	43.132	ng		99
85) Di-n-octyl phthalate	22.79	149	703956	43.203	ng		99
86) Indeno(1,2,3-cd)pyrene	28.63	276	958884	42.505	ng	#	97
88) Benzo(b)fluoranthene	23.90	252	826358	44.905	ng		99
89) Benzo(k)fluoranthene	23.97	252	810640	45.828	ng		100
90) Benzo(a)pyrene	24.77	252	814558	46.647	ng		99
91) Dibenzo(a,h)anthracene	28.69	278	795787	45.009	ng		99
92) Benzo(g,h,i)perylene	29.79	276	808377	45.714	ng		96

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

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