Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011519\
Data File : BG039135.D
Acq On : 15 Jan 2019 17:16
Operator : JU/SJ
Sample : PB116382BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116382BS

Manual Integrations APPROVED
Sohil
1/16/2019 2:06:02 PM

Quant Time: Jan 16 01:13:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	8349	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	54744	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	53170	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	217442	20.00	ng		0.00
76) Chrysene-d12	21.69	240	190448	20.00	ng		-0.01
87) Perylene-d12	24.97	264	194993	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	82482	187.41	ng		0.00
7) Phenol-d6	7.19	99	139553	220.33	ng		0.00
23) Nitrobenzene-d5	9.20	82	67777	67.75	ng		-0.01
42) 2,4,6-Tribromophenol	16.16	330	156722	175.84	ng		-0.01
45) 2-Fluorobiphenyl	13.29	172	269411	69.34	ng		0.00
79) Terphenyl-d14	20.02	244	944681	91.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	4198	24.357	ng	#	69
3) Pyridine	3.87	79	15883	33.915	ng		99
4) n-Nitrosodimethylamine	3.78	42	9956	47.243	ng		93
6) Aniline	7.36	93	26631	35.009	ng		99
8) 2-Chlorophenol	7.59	128	30018	57.859	ng		98
9) Benzaldehyde	7.17	77	8034	21.994	ng		83
10) Phenol	7.22	94	40796	64.243	ng		98
11) bis(2-Chloroethyl)ether	7.44	93	20262	41.748	ng		95
12) 1,3-Dichlorobenzene	7.91	146	22260	35.811	ng		96
13) 1,4-Dichlorobenzene	8.06	146	24436	38.816	ng		100
14) 1,2-Dichlorobenzene	8.38	146	24177	40.279	ng		97
15) Benzyl Alcohol	8.27	79	29268	61.359	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.54	45	39920	42.895	ng		97
17) 2-Methylphenol	8.47	107	28855	65.439	ng		96
18) Hexachloroethane	9.10	117	7841	36.662	ng		87
19) n-Nitroso-di-n-propylamine	8.83	70	21173	50.905	ng	#	98
20) 3+4-Methylphenols	8.80	107	41663	66.271	ng		97
22) Acetophenone	8.85	105	44132	30.869	ng	#	98
24) Nitrobenzene	9.24	77	33453	33.082	ng		95
25) Isophorone	9.75	82	68927	39.997	ng		100
26) 2-Nitrophenol	9.96	139	19280	35.249	ng		92
27) 2,4-Dimethylphenol	10.00	122	37381	48.578	ng		92
28) bis(2-Chloroethoxy)methane	10.24	93	37146	35.865	ng		98
29) 2,4-Dichlorophenol	10.49	162	44639	46.694	ng		96
30) 1,2,4-Trichlorobenzene	10.70	180	38937	33.898	ng		96
31) Naphthalene	10.89	128	108633	39.565	ng		99
32) Benzoic acid	10.16	122	17819	39.687	ng		94
33) 4-Chloroaniline	11.02	127	50104	40.783	ng		96
34) Hexachlorobutadiene	11.15	225	23650	29.923	ng		98
35) Caprolactam	11.79	113	24831m	64.774	ng		
36) 4-Chloro-3-methylphenol	12.13	107	61716	60.359	ng		93
37) 2-Methylnaphthalene	12.49	142	106023	51.504	ng		99
38) 1-Methylnaphthalene	12.72	142	96155	48.665	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	63067	31.583	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	50173	47.149	ng		99
43) 2,4,6-Trichlorophenol	13.10	196	61853	49.216	ng		97
44) 2,4,5-Trichlorophenol	13.18	196	63382	47.717	ng		99
46) 1,1'-Biphenyl	13.50	154	145914	34.634	ng		99
47) 2-Chloronaphthalene	13.55	162	125466	36.801	ng		98
48) 2-Nitroaniline	13.76	65	44087	46.158	ng		91
49) Acenaphthylene	14.39	152	210278	41.034	ng		99
50) Dimethylphthalate	14.11	163	184458	41.054	ng		99
51) 2,6-Dinitrotoluene	14.25	165	42765	42.572	ng		96
52) Acenaphthene	14.73	154	123269	40.037	ng		96
53) 3-Nitroaniline	14.58	138	34313	33.672	ng		99
54) 2,4-Dinitrophenol	14.80	184	41503	69.838	ng		97
55) Dibenzofuran	15.07	168	224845	41.349	ng		99
56) 4-Nitrophenol	14.90	139	78062	106.463	ng		99
57) 2,4-Dinitrotoluene	15.04	165	70179	48.695	ng		97
58) Fluorene	15.71	166	194457	47.509	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.29	232	65134	51.947	ng		97
60) Diethylphthalate	15.47	149	201956	43.626	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	105687	40.985	ng		100
62) 4-Nitroaniline	15.75	138	57467	54.133	ng		99
63) Azobenzene	15.99	77	167416	46.245	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	43756	27.162	ng		94
66) n-Nitrosodiphenylamine	15.92	169	187746	29.126	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	81582	29.187	ng		95
68) Hexachlorobenzene	16.71	284	88941	29.161	ng		93
69) Atrazine	16.86	200	89271	32.600	ng		96
70) Pentachlorophenol	17.06	266	97330	53.704	ng		96
71) Phenanthrene	17.46	178	437585	38.073	ng		98
72) Anthracene	17.55	178	457077	40.222	ng		100
73) Carbazole	17.83	167	436945	38.950	ng		99
74) Di-n-butylphthalate	18.36	149	461646	36.991	ng		99
75) Fluoranthene	19.47	202	587250	41.216	ng		100
77) Benzidine	19.65	184	146618	25.170	ng		98
78) Pyrene	19.83	202	561220	46.240	ng		98
80) Butylbenzylphthalate	20.70	149	219556	47.563	ng		95
81) Benzo(a)anthracene	21.67	228	482432	41.612	ng		100
82) 3,3'-Dichlorobenzidine	21.59	252	111442	23.592	ng		98
83) Chrysene	21.74	228	447508	40.585	ng		98
84) Bis(2-ethylhexyl)phthalate	21.53	149	268792	41.936	ng		96
85) Di-n-octyl phthalate	22.75	149	395624	36.503	ng		100
86) Indeno(1,2,3-cd)pyrene	28.71	276	490025	37.192	ng	#	97
88) Benzo(b)fluoranthene	23.91	252	530769	49.365	ng		99
89) Benzo(k)fluoranthene	23.98	252	515424	48.485	ng		98
90) Benzo(a)pyrene	24.81	252	473148	45.528	ng		99
91) Dibenzo(a,h)anthracene	28.78	278	407943	39.464	ng		99
92) Benzo(g,h,i)perylene	29.90	276	418246	40.870	ng		96

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

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