Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
Data File : BG039024.D
Acq On : 9 Jan 2019 17:12
Operator : JU/SJ
Sample : PB116258BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116258BS

Manual Integrations APPROVED
Sohil
1/10/2019 3:15:24 PM

Quant Time: Jan 10 04:35:19 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	21862	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	95902	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	70231	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	186202	20.00	ng	0.00
76) Chrysene-d12	21.70	240	195334	20.00	ng	0.00
87) Perylene-d12	24.98	264	190921	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	182143	158.05	ng	0.00
7) Phenol-d6	7.20	99	252055	151.97	ng	0.00
23) Nitrobenzene-d5	9.21	82	122757	70.04	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	158276	134.44	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	356356	69.44	ng	0.00
79) Terphenyl-d14	20.03	244	751920	71.21	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	14887	32.986	ng	# 83
3) Pyridine	3.86	79	40676	33.170	ng	99
4) n-Nitrosodimethylamine	3.78	42	26019	47.151	ng	100
6) Aniline	7.36	93	75142	37.725	ng	99
8) 2-Chlorophenol	7.59	128	66666	49.073	ng	98
9) Benzaldehyde	7.17	77	13299	13.904	ng	93
10) Phenol	7.22	94	85224	51.253	ng	96
11) bis(2-Chloroethyl)ether	7.45	93	53672	42.232	ng	100
12) 1,3-Dichlorobenzene	7.91	146	64706	39.754	ng	97
13) 1,4-Dichlorobenzene	8.06	146	67216	40.775	ng	98
14) 1,2-Dichlorobenzene	8.38	146	64496	41.035	ng	99
15) Benzyl Alcohol	8.27	79	60915	48.771	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	104391	42.837	ng	99
17) 2-Methylphenol	8.48	107	58398	50.578	ng	99
18) Hexachloroethane	9.10	117	23637	42.206	ng	86
19) n-Nitroso-di-n-propylamine	8.83	70	46379	42.584	ng	96
20) 3+4-Methylphenols	8.81	107	81024	49.219	ng	98
22) Acetophenone	8.86	105	96447	38.510	ng	97
24) Nitrobenzene	9.25	77	71730	40.491	ng	99
25) Isophorone	9.76	82	140090	46.403	ng	97
26) 2-Nitrophenol	9.96	139	39314	41.030	ng	96
27) 2,4-Dimethylphenol	10.01	122	70151	52.039	ng	91
28) bis(2-Chloroethoxy)methane	10.24	93	79790	43.976	ng	98
29) 2,4-Dichlorophenol	10.50	162	81267	48.526	ng	100
30) 1,2,4-Trichlorobenzene	10.70	180	79452	39.485	ng	99
31) Naphthalene	10.90	128	208018	43.248	ng	98
32) Benzoic acid	10.17	122	34013	42.397	ng	96
33) 4-Chloroaniline	11.02	127	62798	29.178	ng	99
34) Hexachlorobutadiene	11.16	225	52577	37.973	ng	96
35) Caprolactam	11.80	113	27458m	40.887	ng	
36) 4-Chloro-3-methylphenol	12.13	107	80810	45.115	ng	97
37) 2-Methylnaphthalene	12.50	142	164162	45.522	ng	99
38) 1-Methylnaphthalene	12.72	142	158965m	45.926	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	105383	39.954	ng	99

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QLast Update : Wed Jan 09 14:23:53 2019
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	122868	82.517 ng	99
43) 2,4,6-Trichlorophenol	13.11	196	74747	45.027 ng	98
44) 2,4,5-Trichlorophenol	13.19	196	79996	45.595 ng	98
46) 1,1'-Biphenyl	13.51	154	222525	39.987 ng	99
47) 2-Chloronaphthalene	13.55	162	181273	40.253 ng	99
48) 2-Nitroaniline	13.77	65	56016	44.400 ng	94
49) Acenaphthylene	14.40	152	303153	44.787 ng	98
50) Dimethylphthalate	14.12	163	251520	42.380 ng	100
51) 2,6-Dinitrotoluene	14.26	165	56714	42.743 ng	97
52) Acenaphthene	14.74	154	172761	42.481 ng	97
53) 3-Nitroaniline	14.59	138	41274	30.663 ng	97
54) 2,4-Dinitrophenol	14.80	184	78990	98.254 ng	95
55) Dibenzofuran	15.07	168	296434	41.272 ng	98
56) 4-Nitrophenol	14.90	139	89067	91.963 ng	97
57) 2,4-Dinitrotoluene	15.05	165	82115	43.136 ng	98
58) Fluorene	15.72	166	240957	44.569 ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	78474	47.382 ng	97
60) Diethylphthalate	15.48	149	259446	42.430 ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	137858	40.474 ng	96
62) 4-Nitroaniline	15.76	138	60351	43.040 ng	96
63) Azobenzene	16.00	77	198509	41.513 ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	56054	40.634 ng	95
66) n-Nitrosodiphenylamine	15.93	169	222245	40.262 ng	97
67) 4-Bromophenyl-phenylether	16.60	248	94581	39.515 ng	100
68) Hexachlorobenzene	16.72	284	102860	39.383 ng	97
69) Atrazine	16.87	200	94677	40.375 ng	97
70) Pentachlorophenol	17.07	266	113600	71.093 ng	96
71) Phenanthrene	17.47	178	427661	43.452 ng	99
72) Anthracene	17.55	178	434472	44.647 ng	99
73) Carbazole	17.83	167	388936	40.487 ng	99
74) Di-n-butylphthalate	18.36	149	457331	42.794 ng	99
75) Fluoranthene	19.48	202	547321	44.859 ng	99
77) Benzidine	19.66	184	197209	33.008 ng	99
78) Pyrene	19.84	202	542740	43.599 ng	99
80) Butylbenzylphthalate	20.70	149	206378	43.589 ng	99
81) Benzo(a)anthracene	21.68	228	530836	44.642 ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	162461	33.532 ng	100
83) Chrysene	21.75	228	494075	43.687 ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	285155	43.376 ng	97
85) Di-n-octyl phthalate	22.77	149	487862	43.888 ng	100
86) Indeno(1,2,3-cd)pyrene	28.75	276	615311	45.533 ng	99
88) Benzo(b)fluoranthene	23.93	252	543232	51.602 ng	99
89) Benzo(k)fluoranthene	24.01	252	507470	48.755 ng	98
90) Benzo(a)pyrene	24.83	252	521189	51.220 ng	97
91) Dibenzo(a,h)anthracene	28.81	278	517722	51.152 ng	98
92) Benzo(g,h,i)perylene	29.95	276	513168	51.215 ng	96

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

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