Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
Data File : BG039055.D
Acq On : 10 Jan 2019 16:43
Operator : JU/SJ
Sample : PB116291BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116291BS

Manual Integrations APPROVED
Sohil
1/11/2019 4:44:27 PM

Quant Time: Jan 11 05:22:32 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	8.02	152	20768	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	103747	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	81981	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	217610	20.00	ng		0.00
76) Chrysene-d12	21.70	240	185688	20.00	ng		0.00
87) Perylene-d12	24.97	264	170792	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	159056	145.28	ng		0.00
7) Phenol-d6	7.19	99	230008	145.99	ng		0.00
23) Nitrobenzene-d5	9.20	82	119112	62.82	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	164050	119.38	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	370796	61.90	ng		0.00
79) Terphenyl-d14	20.02	244	700304	69.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	18958	44.220	ng		98
3) Pyridine	3.86	79	35509	30.481	ng		97
4) n-Nitrosodimethylamine	3.78	42	23681	45.175	ng	#	92
6) Aniline	7.36	93	72320	38.220	ng		98
8) 2-Chlorophenol	7.59	128	69385	53.765	ng		95
9) Benzaldehyde	7.17	77	8342	9.181	ng		96
10) Phenol	7.22	94	90638	57.380	ng		97
11) bis(2-Chloroethyl)ether	7.45	93	54863	45.443	ng		97
12) 1,3-Dichlorobenzene	7.91	146	60342	39.026	ng		95
13) 1,4-Dichlorobenzene	8.06	146	64514	41.198	ng		98
14) 1,2-Dichlorobenzene	8.38	146	64054	42.900	ng		95
15) Benzyl Alcohol	8.27	79	66224	55.814	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	107983	46.645	ng		99
17) 2-Methylphenol	8.47	107	62780	57.237	ng		97
18) Hexachloroethane	9.10	117	22005	41.362	ng		96
19) n-Nitroso-di-n-propylamine	8.83	70	50594	48.901	ng		96
20) 3+4-Methylphenols	8.80	107	89619	57.308	ng		97
22) Acetophenone	8.86	105	103518	38.208	ng		98
24) Nitrobenzene	9.25	77	76666	40.005	ng		99
25) Isophorone	9.76	82	154430	47.285	ng		96
26) 2-Nitrophenol	9.96	139	44259	42.698	ng		93
27) 2,4-Dimethylphenol	10.01	122	78983	54.160	ng		95
28) bis(2-Chloroethoxy)methane	10.24	93	85929	43.778	ng		99
29) 2,4-Dichlorophenol	10.49	162	89370	49.329	ng		98
30) 1,2,4-Trichlorobenzene	10.70	180	84976	39.037	ng		96
31) Naphthalene	10.90	128	227021	43.630	ng		98
32) Benzoic acid	10.19	122	34438	40.286	ng		91
33) 4-Chloroaniline	11.01	127	75787	32.551	ng		97
34) Hexachlorobutadiene	11.16	225	54910	36.659	ng		98
35) Caprolactam	11.80	113	31170m	42.905	ng		
36) 4-Chloro-3-methylphenol	12.13	107	94675	48.859	ng		94
37) 2-Methylnaphthalene	12.50	142	187508	48.065	ng		98
38) 1-Methylnaphthalene	12.72	142	178405	47.645	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	120855	39.253	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	120755	70.381	ng		97
43) 2,4,6-Trichlorophenol	13.11	196	85614	44.182	ng		93
44) 2,4,5-Trichlorophenol	13.19	196	93123	45.469	ng		98
46) 1,1'-Biphenyl	13.51	154	258546	39.801	ng		99
47) 2-Chloronaphthalene	13.55	162	212022	40.333	ng		99
48) 2-Nitroaniline	13.77	65	65518	44.489	ng		96
49) Acenaphthylene	14.40	152	352450	44.607	ng		99
50) Dimethylphthalate	14.12	163	296318	42.773	ng		99
51) 2,6-Dinitrotoluene	14.26	165	67699	43.709	ng		93
52) Acenaphthene	14.73	154	202286	42.612	ng		95
53) 3-Nitroaniline	14.59	138	51559	32.814	ng		96
54) 2,4-Dinitrophenol	14.80	184	82929	88.911	ng		93
55) Dibenzofuran	15.07	168	355224	42.368	ng		99
56) 4-Nitrophenol	14.90	139	96256	85.142	ng		99
57) 2,4-Dinitrotoluene	15.04	165	97186	43.736	ng		96
58) Fluorene	15.72	166	289546	45.880	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.30	232	93071	48.141	ng		97
60) Diethylphthalate	15.47	149	310718	43.532	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	165057	41.514	ng		95
62) 4-Nitroaniline	15.76	138	68863	42.071	ng		96
63) Azobenzene	16.00	77	241076	43.189	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	63498	39.386	ng		94
66) n-Nitrosodiphenylamine	15.93	169	269943	41.845	ng		97
67) 4-Bromophenyl-phenylether	16.60	248	115509	41.293	ng		99
68) Hexachlorobenzene	16.71	284	123497	40.460	ng		96
69) Atrazine	16.87	200	109293	39.881	ng		96
70) Pentachlorophenol	17.07	266	121794	65.699	ng		95
71) Phenanthrene	17.47	178	500696	43.531	ng		100
72) Anthracene	17.55	178	503148	44.242	ng		99
73) Carbazole	17.83	167	421405	37.536	ng		98
74) Di-n-butylphthalate	18.36	149	509899	40.826	ng		100
75) Fluoranthene	19.47	202	553923	38.847	ng		99
77) Benzidine	19.66	184	192901	33.965	ng		99
78) Pyrene	19.83	202	540650	45.687	ng		98
80) Butylbenzylphthalate	20.70	149	192999	42.881	ng		98
81) Benzo(a)anthracene	21.68	228	504875	44.664	ng		100
82) 3,3'-Dichlorobenzidine	21.60	252	152181	33.042	ng		98
83) Chrysene	21.74	228	466191	43.363	ng		100
84) Bis(2-ethylhexyl)phthalate	21.54	149	268002	42.885	ng		99
85) Di-n-octyl phthalate	22.76	149	459971	43.528	ng		99
86) Indeno(1,2,3-cd)pyrene	28.73	276	584361	45.489	ng	#	96
88) Benzo(b)fluoranthene	23.93	252	511923	54.359	ng		98
89) Benzo(k)fluoranthene	24.00	252	476049	51.126	ng		98
90) Benzo(a)pyrene	24.82	252	492472	54.102	ng		98
91) Dibenzo(a,h)anthracene	28.80	278	489934	54.111	ng		98
92) Benzo(g,h,i)perylene	29.93	276	484124	54.010	ng		98

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

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