Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
Data File : BG039090.D
Acq On : 11 Jan 2019 18:09
Operator : JU/SJ
Sample : PB116318BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116318BS

Quant Time: Jan 12 00:27:59 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	22207	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	95690	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	66968	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	186243	20.00	ng		0.00
76) Chrysene-d12	21.70	240	200158	20.00	ng		0.00
87) Perylene-d12	24.97	264	212525	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	209708	179.14	ng		0.00
7) Phenol-d6	7.19	99	285152	169.26	ng		0.00
23) Nitrobenzene-d5	9.20	82	134402	76.86	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	163359	145.52	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	375476	76.73	ng		0.00
79) Terphenyl-d14	20.02	244	832613	76.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	20194	44.050	ng		96
3) Pyridine	3.86	79	54088	43.421	ng		92
4) n-Nitrosodimethylamine	3.78	42	27696	49.410	ng		88
6) Aniline	7.35	93	60912	30.105	ng		98
8) 2-Chlorophenol	7.59	128	65825	47.701	ng		98
9) Benzaldehyde	7.17	77	21597	22.229	ng		89
10) Phenol	7.21	94	84390	49.963	ng		97
11) bis(2-Chloroethyl)ether	7.45	93	55948	43.339	ng		95
12) 1,3-Dichlorobenzene	7.91	146	64042	38.735	ng		96
13) 1,4-Dichlorobenzene	8.06	146	66843	39.919	ng		95
14) 1,2-Dichlorobenzene	8.38	146	65803	41.216	ng		96
15) Benzyl Alcohol	8.27	79	53254	41.974	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.55	45	97489	39.383	ng		98
17) 2-Methylphenol	8.47	107	55364	47.205	ng		99
18) Hexachloroethane	9.10	117	21489	37.775	ng		89
19) n-Nitroso-di-n-propylamine	8.83	70	43016	38.882	ng	#	90
20) 3+4-Methylphenols	8.80	107	73034	43.676	ng		98
22) Acetophenone	8.86	105	88142	35.272	ng	#	96
24) Nitrobenzene	9.25	77	63641	36.005	ng		98
25) Isophorone	9.76	82	121160	40.222	ng		99
26) 2-Nitrophenol	9.96	139	36242	37.907	ng		98
27) 2,4-Dimethylphenol	10.00	122	61172	45.479	ng		92
28) bis(2-Chloroethoxy)methane	10.24	93	78653	43.445	ng		99
29) 2,4-Dichlorophenol	10.49	162	73036	43.708	ng		95
30) 1,2,4-Trichlorobenzene	10.70	180	76676	38.189	ng		96
31) Naphthalene	10.89	128	197397	41.131	ng		99
32) Benzoic acid	10.16	122	27106	35.764	ng		95
33) 4-Chloroaniline	11.01	127	50617	23.571	ng		97
34) Hexachlorobutadiene	11.15	225	47343	34.269	ng		96
35) Caprolactam	11.80	113	25535	38.108	ng		89
36) 4-Chloro-3-methylphenol	12.12	107	77921	43.598	ng		91
37) 2-Methylnaphthalene	12.49	142	148472	41.263	ng		98
38) 1-Methylnaphthalene	12.71	142	141943	41.099	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	94429	37.546	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	107864	76.425	ng		99
43) 2,4,6-Trichlorophenol	13.11	196	64058	40.469	ng		96
44) 2,4,5-Trichlorophenol	13.18	196	71777	42.903	ng		97
46) 1,1'-Biphenyl	13.50	154	195765	36.892	ng		97
47) 2-Chloronaphthalene	13.55	162	159296	37.097	ng		98
48) 2-Nitroaniline	13.76	65	50958	42.359	ng		95
49) Acenaphthylene	14.39	152	269025	41.682	ng		99
50) Dimethylphthalate	14.12	163	232486	41.082	ng		99
51) 2,6-Dinitrotoluene	14.25	165	52935	41.838	ng		98
52) Acenaphthene	14.73	154	153194	39.505	ng		98
53) 3-Nitroaniline	14.59	138	34742	27.068	ng		92
54) 2,4-Dinitrophenol	14.80	184	41893	57.039	ng		93
55) Dibenzofuran	15.06	168	271492	39.641	ng		99
56) 4-Nitrophenol	14.90	139	81692	88.459	ng		93
57) 2,4-Dinitrotoluene	15.04	165	78435	43.210	ng		97
58) Fluorene	15.71	166	228332	44.291	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	73186	46.342	ng		97
60) Diethylphthalate	15.47	149	243691	41.795	ng		100
61) 4-Chlorophenyl-phenylether	15.70	204	127112	39.137	ng		99
62) 4-Nitroaniline	15.76	138	56669	42.383	ng		99
63) Azobenzene	15.99	77	188412	41.321	ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	42830	31.041	ng		98
66) n-Nitrosodiphenylamine	15.92	169	211792	38.360	ng		97
67) 4-Bromophenyl-phenylether	16.60	248	85718	35.804	ng		97
68) Hexachlorobenzene	16.71	284	92213	35.299	ng		96
69) Atrazine	16.86	200	79971	34.096	ng		98
70) Pentachlorophenol	17.07	266	89952	57.490	ng		95
71) Phenanthrene	17.46	178	396952	40.323	ng		99
72) Anthracene	17.55	178	410569	42.182	ng		100
73) Carbazole	17.82	167	361843	37.659	ng		99
74) Di-n-butylphthalate	18.35	149	417419	39.051	ng		99
75) Fluoranthene	19.47	202	507849	41.614	ng		99
77) Benzidine	19.65	184	168721	27.559	ng		98
78) Pyrene	19.83	202	505240	39.609	ng		99
80) Butylbenzylphthalate	20.70	149	194272	40.044	ng		100
81) Benzo(a)anthracene	21.67	228	498138	40.883	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	119266	24.023	ng		98
83) Chrysene	21.74	228	467285	40.323	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	267373	39.691	ng		96
85) Di-n-octyl phthalate	22.75	149	462122	40.570	ng		99
86) Indeno(1,2,3-cd)pyrene	28.72	276	584948	42.243	ng	#	96
88) Benzo(b)fluoranthene	23.92	252	501514	42.796	ng		100
89) Benzo(k)fluoranthene	23.99	252	494059	42.641	ng		97
90) Benzo(a)pyrene	24.82	252	492012	43.437	ng		99
91) Dibenzo(a,h)anthracene	28.79	278	485484	43.091	ng		100
92) Benzo(g,h,i)perylene	29.92	276	481871	43.203	ng		95

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

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