Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012119\
Data File : BG039233.D
Acq On : 21 Jan 2019 14:42
Operator : JU/SJ
Sample : K1205-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C-1MS

Manual Integrations APPROVED
Sohil
1/22/2019 10:00:16 AM

Quant Time: Jan 21 15:47:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	17806	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	72720	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	52954	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	128880	20.00	ng		0.00
76) Chrysene-d12	21.68	240	137798	20.00	ng		0.00
87) Perylene-d12	24.93	264	147285	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	159049	169.44	ng		0.00
7) Phenol-d6	7.18	99	217447	160.97	ng		0.00
23) Nitrobenzene-d5	9.19	82	127063	95.61	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	129674	146.09	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	360959	93.29	ng		0.00
79) Terphenyl-d14	20.00	244	662464	88.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	14992	40.786	ng		91
3) Pyridine	3.84	79	40572	40.621	ng		97
4) n-Nitrosodimethylamine	3.76	42	25845	57.504	ng		95
6) Aniline	7.34	93	55997	34.517	ng		97
8) 2-Chlorophenol	7.58	128	57485	51.953	ng		97
9) Benzaldehyde	7.15	77	13322	17.101	ng		98
10) Phenol	7.20	94	83528	61.675	ng		94
11) bis(2-Chloroethyl)ether	7.43	93	48006	46.378	ng		100
12) 1,3-Dichlorobenzene	7.89	146	59886	45.174	ng		98
13) 1,4-Dichlorobenzene	8.04	146	61547	45.841	ng		99
14) 1,2-Dichlorobenzene	8.36	146	59463	46.451	ng		94
15) Benzyl Alcohol	8.25	79	52788	51.891	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	95307	48.018	ng		99
17) 2-Methylphenol	8.45	107	49787	52.942	ng		98
18) Hexachloroethane	9.08	117	21163	46.397	ng		95
19) n-Nitroso-di-n-propylamine	8.82	70	41401	46.672	ng		96
20) 3+4-Methylphenols	8.79	107	70121	52.299	ng		99
22) Acetophenone	8.84	105	84284	44.381	ng	#	99
24) Nitrobenzene	9.23	77	62565	46.577	ng		99
25) Isophorone	9.74	82	120026	52.431	ng		100
26) 2-Nitrophenol	9.94	139	35230	48.488	ng		92
27) 2,4-Dimethylphenol	9.99	122	59858	58.558	ng		94
28) bis(2-Chloroethoxy)methane	10.23	93	68016	49.437	ng		95
29) 2,4-Dichlorophenol	10.47	162	68550	53.981	ng		97
30) 1,2,4-Trichlorobenzene	10.69	180	71305	46.732	ng		99
31) Naphthalene	10.88	128	183413	50.288	ng		98
32) Benzoic acid	10.15	122	15222m	28.895	ng		
33) 4-Chloroaniline	11.00	127	23185	14.207	ng		96
34) Hexachlorobutadiene	11.13	225	46521	44.310	ng		99
35) Caprolactam	11.80	113	22794m	44.762	ng		
36) 4-Chloro-3-methylphenol	12.11	107	70853	52.166	ng		92
37) 2-Methylnaphthalene	12.48	142	141164	51.624	ng		99
38) 1-Methylnaphthalene	12.70	142	135950	51.797	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	92218	46.370	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	99534	88.229	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	63421	50.670	ng		99
44) 2,4,5-Trichlorophenol	13.16	196	68408	51.711	ng		99
46) 1,1'-Biphenyl	13.48	154	191519	45.644	ng		100
47) 2-Chloronaphthalene	13.53	162	156229	46.011	ng		99
48) 2-Nitroaniline	13.75	65	47024	49.434	ng		96
49) Acenaphthylene	14.38	152	253740	49.718	ng		99
50) Dimethylphthalate	14.10	163	238361	53.267	ng		98
51) 2,6-Dinitrotoluene	14.24	165	47030	47.008	ng		96
52) Acenaphthene	14.72	154	148174	48.322	ng		96
53) 3-Nitroaniline	14.57	138	25602	25.226	ng		99
54) 2,4-Dinitrophenol	14.79	184	53943	89.498	ng		95
55) Dibenzofuran	15.05	168	251638	46.465	ng		100
56) 4-Nitrophenol	14.89	139	71566	98.002	ng		96
57) 2,4-Dinitrotoluene	15.03	165	67399	46.957	ng		97
58) Fluorene	15.70	166	201888	49.526	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	65684	52.599	ng		98
60) Diethylphthalate	15.46	149	211373	45.846	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	116388	45.319	ng		97
62) 4-Nitroaniline	15.74	138	45786	43.306	ng		96
63) Azobenzene	15.98	77	166227	46.104	ng		98
65) 4,6-Dinitro-2-methylphenol	15.79	198	44557	46.665	ng		93
66) n-Nitrosodiphenylamine	15.91	169	184918	48.400	ng		98
67) 4-Bromophenyl-phenylether	16.58	248	78650	47.474	ng		97
68) Hexachlorobenzene	16.70	284	83354	46.109	ng		98
69) Atrazine	16.85	200	73720	45.420	ng		93
70) Pentachlorophenol	17.05	266	89503	80.124	ng		97
71) Phenanthrene	17.45	178	345830	50.766	ng		99
72) Anthracene	17.54	178	349850	51.942	ng		99
73) Carbazole	17.81	167	309101	46.488	ng		99
74) Di-n-butylphthalate	18.34	149	348261	47.082	ng		99
75) Fluoranthene	19.45	202	422980	50.087	ng		98
77) Benzidine	19.64	184	152490	36.180	ng		98
78) Pyrene	19.82	202	425431	48.445	ng		98
80) Butylbenzylphthalate	20.69	149	161640	48.395	ng		99
81) Benzo(a)anthracene	21.65	228	426593	50.855	ng		99
82) 3,3'-Dichlorobenzidine	21.57	252	83121	24.320	ng		99
83) Chrysene	21.73	228	395922	49.626	ng		100
84) Bis(2-ethylhexyl)phthalate	21.52	149	230561	49.715	ng		96
85) Di-n-octyl phthalate	22.73	149	387219	49.379	ng		99
86) Indeno(1,2,3-cd)pyrene	28.68	276	492663	51.679	ng	#	96
88) Benzo(b)fluoranthene	23.89	252	427157	52.597	ng		100
89) Benzo(k)fluoranthene	23.96	252	412584	51.382	ng		98
90) Benzo(a)pyrene	24.79	252	410693	52.319	ng		97
91) Dibenzo(a,h)anthracene	28.74	278	412502	52.831	ng		99
92) Benzo(g,h,i)perylene	29.87	276	404576	52.340	ng		98

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

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