Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
Data File : BG041195.D
Acq On : 11 Jun 2019 19:16
Operator : HP/JU
Sample : PB120503BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB120503BS

Manual Integrations APPROVED
mohammad
6/14/2019 8:38:38 AM

Quant Time: Jun 12 03:16:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	39853	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	169046	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	133641	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	332771	20.00	ng		0.00
76) Chrysene-d12	21.76	240	332638	20.00	ng		0.00
87) Perylene-d12	25.08	264	295975	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	308947	139.79	ng		0.00
7) Phenol-d6	7.25	99	446762	130.89	ng		0.00
23) Nitrobenzene-d5	9.29	82	309423	81.26	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	257973	130.03	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	750106	80.83	ng		0.00
79) Terphenyl-d14	20.07	244	1349473	86.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	35110	35.008	ng		94
3) Pyridine	3.91	79	93587	31.537	ng		96
4) n-Nitrosodimethylamine	3.83	42	59306	43.060	ng		92
6) Aniline	7.43	93	134269	29.471	ng		99
8) 2-Chlorophenol	7.67	128	128362	48.717	ng		96
9) Benzaldehyde	7.24	77	27964	13.734	ng		92
10) Phenol	7.28	94	176638	48.265	ng		97
11) bis(2-Chloroethyl)ether	7.52	93	114704	43.204	ng		96
12) 1,3-Dichlorobenzene	7.99	146	132703	42.168	ng		97
13) 1,4-Dichlorobenzene	8.14	146	139907	43.921	ng		97
14) 1,2-Dichlorobenzene	8.46	146	133920	43.299	ng		98
15) Benzyl Alcohol	8.35	79	141618	44.852	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.62	45	172385	39.735	ng		97
17) 2-Methylphenol	8.54	107	123868	46.746	ng		96
18) Hexachloroethane	9.19	117	50999	41.539	ng		94
19) n-Nitroso-di-n-propylamine	8.91	70	109837	41.815	ng		96
20) 3+4-Methylphenols	8.87	107	168080	45.792	ng		98
22) Acetophenone	8.93	105	211359	44.571	ng	#	97
24) Nitrobenzene	9.33	77	176720	45.540	ng		99
25) Isophorone	9.84	82	312435	43.114	ng		99
26) 2-Nitrophenol	10.04	139	79682	49.808	ng		97
27) 2,4-Dimethylphenol	10.08	122	139062	52.633	ng		92
28) bis(2-Chloroethoxy)methane	10.32	93	166453	42.558	ng		97
29) 2,4-Dichlorophenol	10.57	162	160998	47.985	ng		95
30) 1,2,4-Trichlorobenzene	10.79	180	170816	44.754	ng		94
31) Naphthalene	10.98	128	419912	46.265	ng		100
32) Benzoic acid	10.23	122	85673	42.768	ng		98
33) 4-Chloroaniline	11.09	127	106835	25.369	ng		95
34) Hexachlorobutadiene	11.24	225	123642	42.337	ng		96
35) Caprolactam	11.89	113	49899m	45.037	ng		
36) 4-Chloro-3-methylphenol	12.20	107	182569	47.646	ng		95
37) 2-Methylnaphthalene	12.57	142	330499	47.279	ng		98
38) 1-Methylnaphthalene	12.79	142	313181	47.543	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	247173	45.888	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	228463	79.016	ng		97
43) 2,4,6-Trichlorophenol	13.17	196	158942	45.613	ng		98
44) 2,4,5-Trichlorophenol	13.25	196	169754	46.192	ng		99
46) 1,1'-Biphenyl	13.57	154	448661	45.354	ng		98
47) 2-Chloronaphthalene	13.62	162	379279	44.661	ng		98
48) 2-Nitroaniline	13.83	65	135164	44.365	ng		98
49) Acenaphthylene	14.46	152	587913	45.997	ng		99
50) Dimethylphthalate	14.19	163	487134	43.061	ng		100
51) 2,6-Dinitrotoluene	14.32	165	109266	44.797	ng		95
52) Acenaphthene	14.80	154	344768	44.526	ng		98
53) 3-Nitroaniline	14.66	138	85339	34.989	ng		92
54) 2,4-Dinitrophenol	14.86	184	124065	91.771	ng		94
55) Dibenzofuran	15.13	168	596868	45.811	ng		99
56) 4-Nitrophenol	14.95	139	160343	95.844	ng		91
57) 2,4-Dinitrotoluene	15.10	165	157872	45.820	ng	#	96
58) Fluorene	15.78	166	468245	45.128	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	175294	48.537	ng		99
60) Diethylphthalate	15.54	149	504586	43.706	ng		100
61) 4-Chlorophenyl-phenylether	15.77	204	300364	44.537	ng		94
62) 4-Nitroaniline	15.82	138	108377	41.971	ng		98
63) Azobenzene	16.06	77	463204	44.144	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	94224	51.974	ng		99
66) n-Nitrosodiphenylamine	15.99	169	433567	46.348	ng		100
67) 4-Bromophenyl-phenylether	16.66	248	198969	44.305	ng		99
68) Hexachlorobenzene	16.78	284	203797	42.617	ng		98
69) Atrazine	16.93	200	175659	48.666	ng		98
70) Pentachlorophenol	17.13	266	238744	92.493	ng		97
71) Phenanthrene	17.52	178	797234	45.994	ng		99
72) Anthracene	17.62	178	816308	47.750	ng		99
73) Carbazole	17.89	167	696872	47.508	ng		99
74) Di-n-butylphthalate	18.42	149	818098	44.873	ng		100
75) Fluoranthene	19.53	202	1019700	47.628	ng		100
77) Benzidine	19.71	184	330277	41.622	ng		97
78) Pyrene	19.89	202	1018393	47.096	ng		99
80) Butylbenzylphthalate	20.76	149	383813	45.611	ng		97
81) Benzo(a)anthracene	21.74	228	989632	44.694	ng		98
82) 3,3'-Dichlorobenzidine	21.66	252	263167	33.791	ng		98
83) Chrysene	21.81	228	972761	45.908	ng		98
84) Bis(2-ethylhexyl)phthalate	21.60	149	531426	44.861	ng		97
85) Di-n-octyl phthalate	22.84	149	891775	45.202	ng		99
86) Indeno(1,2,3-cd)pyrene	28.90	276	882707	34.007	ng	#	67
88) Benzo(b)fluoranthene	24.02	252	941907	52.468	ng		99
89) Benzo(k)fluoranthene	24.09	252	1023214	57.598	ng		100
90) Benzo(a)pyrene	24.93	252	964679	56.324	ng		96
91) Dibenzo(a,h)anthracene	28.98	278	674440	39.409	ng		97
92) Benzo(g,h,i)perylene	30.12	276	650023	39.095	ng		98

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

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