Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001653.D
Acq On : 17 Jan 2020 12:50
Operator : JU
Sample : L1148-07MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-28-(4-6)MSD

Manual Integrations APPROVED
mohammad
1/21/2020 7:52:49 AM

Quant Time: Jan 18 02:56:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 21:52:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	44321	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	165147	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	118580	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	279302	20.00	ng	0.00
76) Chrysene-d12	21.15	240	243516	20.00	ng	0.00
87) Perylene-d12	23.38	264	221421	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	270350	119.49	ng	0.00
7) Phenol-d6	6.84	99	407370	112.66	ng	0.00
23) Nitrobenzene-d5	8.79	82	277169	73.34	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	171141	94.81	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	587363	72.83	ng	0.00
79) Terphenyl-d14	19.63	244	985222	74.00	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	32026	44.353	ng	96
3) Pyridine	3.59	79	94108	36.068	ng	96
4) n-Nitrosodimethylamine	3.52	42	93220	50.409	ng	96
6) Aniline	6.97	93	185204	40.962	ng	99
8) 2-Chlorophenol	7.21	128	135233	51.196	ng	95
9) Benzaldehyde	6.78	77	84874	39.296	ng	94
10) Phenol	6.86	94	199539	53.345	ng	98
11) bis(2-Chloroethyl)ether	7.08	93	139613	47.590	ng	96
12) 1,3-Dichlorobenzene	7.52	146	145920	43.948	ng	97
13) 1,4-Dichlorobenzene	7.67	146	149179	43.450	ng	95
14) 1,2-Dichlorobenzene	7.98	146	144584	43.577	ng	96
15) Benzyl Alcohol	7.88	79	154161	45.271	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.17	45	261337	47.952	ng	97
17) 2-Methylphenol	8.09	107	128004	49.287	ng	99
18) Hexachloroethane	8.70	117	59830	44.639	ng	98
19) n-Nitroso-di-n-propylamine	8.45	70	123819	44.914	ng	92
20) 3+4-Methylphenols	8.42	107	171903	47.321	ng	96
22) Acetophenone	8.45	105	218195	47.132	ng	97
24) Nitrobenzene	8.83	77	187777	49.112	ng	98
25) Isophorone	9.35	82	342204	50.493	ng	99
26) 2-Nitrophenol	9.53	139	75071	51.955	ng	96
27) 2,4-Dimethylphenol	9.61	122	130001	60.223	ng	95
28) bis(2-Chloroethoxy)methane	9.84	93	188839	47.564	ng	99
29) 2,4-Dichlorophenol	10.07	162	143697	48.632	ng	99
30) 1,2,4-Trichlorobenzene	10.27	180	158581	44.458	ng	98
31) Naphthalene	10.46	128	408211	46.835	ng	99
32) Benzoic acid	9.81	122	44716	25.465	ng	96
33) 4-Chloroaniline	10.57	127	74170	18.482	ng	98
34) Hexachlorobutadiene	10.76	225	108075	42.801	ng	95
35) Caprolactam	11.36	113	47352m	44.132	ng	
36) 4-Chloro-3-methylphenol	11.73	107	160437	45.243	ng	96
37) 2-Methylnaphthalene	12.08	142	308384	44.396	ng	95
38) 1-Methylnaphthalene	12.30	142	292070	43.694	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	195441	48.114	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	198795	96.480	ng		98
43) 2,4,6-Trichlorophenol	12.71	196	131083	50.036	ng		98
44) 2,4,5-Trichlorophenol	12.79	196	139086	49.961	ng		98
46) 1,1'-Biphenyl	13.11	154	419848	49.410	ng		100
47) 2-Chloronaphthalene	13.15	162	331899	46.997	ng		100
48) 2-Nitroaniline	13.36	65	134954	48.639	ng		98
49) Acenaphthylene	14.00	152	528359	48.511	ng		100
50) Dimethylphthalate	13.76	163	493136	50.491	ng		99
51) 2,6-Dinitrotoluene	13.87	165	96323	46.507	ng		97
52) Acenaphthene	14.35	154	305254	45.253	ng		98
53) 3-Nitroaniline	14.20	138	50146	22.932	ng		94
54) 2,4-Dinitrophenol	14.41	184	91466	78.543	ng	#	84
55) Dibenzofuran	14.69	168	525867	46.101	ng		98
56) 4-Nitrophenol	14.55	139	150944	86.441	ng		98
57) 2,4-Dinitrotoluene	14.66	165	135690	44.775	ng		95
58) Fluorene	15.34	166	416724	45.147	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.93	232	123352	42.910	ng		99
60) Diethylphthalate	15.13	149	435596	43.363	ng		99
61) 4-Chlorophenyl-phenylether	15.35	204	234715	44.431	ng		97
62) 4-Nitroaniline	15.37	138	91028	36.511	ng		93
63) Azobenzene	15.64	77	487700	48.589	ng		97
65) 4,6-Dinitro-2-methylphenol	15.43	198	79425	52.598	ng		91
66) n-Nitrosodiphenylamine	15.56	169	369978	50.001	ng		99
67) 4-Bromophenyl-phenylether	16.24	248	150399	47.733	ng		98
68) Hexachlorobenzene	16.36	284	166797	45.563	ng		99
69) Atrazine	16.53	200	156642	57.642	ng		97
70) Pentachlorophenol	16.71	266	169589	83.884	ng		98
71) Phenanthrene	17.09	178	698812	46.007	ng		99
72) Anthracene	17.18	178	716834	48.478	ng		99
73) Carbazole	17.46	167	620034	44.663	ng		100
74) Di-n-butylphthalate	18.03	149	765700	46.620	ng		99
75) Fluoranthene	19.07	202	871188	43.589	ng		100
77) Benzidine	19.26	184	334797	60.212	ng		98
78) Pyrene	19.42	202	880380	49.216	ng		99
80) Butylbenzylphthalate	20.32	149	337449	49.633	ng		99
81) Benzo(a)anthracene	21.13	228	791570	46.675	ng		99
82) 3,3'-Dichlorobenzidine	21.07	252	231722	36.437	ng		97
83) Chrysene	21.19	228	760701	46.026	ng		98
84) Bis(2-ethylhexyl)phthalate	21.09	149	479144	51.409	ng		99
85) Di-n-octyl phthalate	21.96	149	776882	52.276	ng		96
86) Indeno(1,2,3-cd)pyrene	25.64	276	633228	32.730	ng	#	97
88) Benzo(b)fluoranthene	22.72	252	689924	49.447	ng		99
89) Benzo(k)fluoranthene	22.76	252	691989	50.866	ng		99
90) Benzo(a)pyrene	23.29	252	609950	46.041	ng		98
91) Dibenzo(a,h)anthracene	25.66	278	544679	39.849	ng		99
92) Benzo(g,h,i)perylene	26.33	276	516722	38.027	ng		98

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

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