Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP083019\
Data File : BP000020.D
Acq On : 31 Aug 2019 00:03
Operator : HP/JU
Sample : MDL-S-03
Misc : 4PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-S-03

Quant Time: Aug 31 02:07:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 31 01:09:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	444194	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1734491	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	932465	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	1666465	20.00	ng		0.00
76) Chrysene-d12	14.10	240	1385088	20.00	ng		0.00
87) Perylene-d12	15.63	264	1400129	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	2912991	104.57	ng		0.00
7) Phenol-d6	6.51	99	3560384	101.25	ng		0.00
23) Nitrobenzene-d5	7.45	82	1968111	69.62	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	850087	108.16	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	3881728	69.52	ng		0.00
79) Terphenyl-d14	13.04	244	4485427	70.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	49318	3.849	ng		99
3) Pyridine	3.49	79	110269	3.194	ng		98
4) n-Nitrosodimethylamine	3.39	42	37707	3.383	ng	#	94
6) Aniline	6.55	93	187292	3.680	ng		99
8) 2-Chlorophenol	6.68	128	114960	3.991	ng		93
9) Benzaldehyde	6.44	77	103078	4.753	ng		96
10) Phenol	6.52	94	145070	3.713	ng		93
11) bis(2-Chloroethyl)ether	6.62	93	116804	3.785	ng		99
12) 1,3-Dichlorobenzene	6.84	146	129212	3.846	ng		98
13) 1,4-Dichlorobenzene	6.91	146	132492	3.960	ng		99
14) 1,2-Dichlorobenzene	7.07	146	121502	3.953	ng		97
15) Benzyl Alcohol	7.02	79	87181	3.381	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.17	45	124459	3.750	ng		99
17) 2-Methylphenol	7.13	107	91753	3.709	ng		98
18) Hexachloroethane	7.42	117	44856	3.615	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	74757	3.735	ng		94
20) 3+4-Methylphenols	7.28	107	120596	3.909	ng		99
22) Acetophenone	7.29	105	181843	4.377	ng		99
24) Nitrobenzene	7.46	77	121111	3.955	ng		98
25) Isophorone	7.70	82	215293	3.605	ng		99
26) 2-Nitrophenol	7.79	139	31065	2.605	ng		94
27) 2,4-Dimethylphenol	7.82	122	98039	4.074	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	144167	3.712	ng		99
29) 2,4-Dichlorophenol	8.02	162	88813	3.589	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	108874	3.859	ng		99
31) Naphthalene	8.20	128	346738	4.357	ng		98
32) Benzoic acid	7.85	122	23499	1.590	ng		96
33) 4-Chloroaniline	8.24	127	140266	3.737	ng		96
34) Hexachlorobutadiene	8.32	225	59471	3.741	ng		98
35) Caprolactam	8.55	113	24270	2.758	ng		92
36) 4-Chloro-3-methylphenol	8.71	107	93136	3.450	ng		96
37) 2-Methylnaphthalene	8.89	142	228486	4.108	ng		98
38) 1-Methylnaphthalene	8.99	142	214776	4.099	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	111448	4.223	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	50169	3.452	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	55961	3.075	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	61482	3.228	ng		98
46) 1,1'-Biphenyl	9.36	154	302724	4.599	ng		98
47) 2-Chloronaphthalene	9.38	162	210375	3.850	ng		99
48) 2-Nitroaniline	9.46	65	32025	2.170	ng		98
49) Acenaphthylene	9.80	152	333282	4.110	ng		98
50) Dimethylphthalate	9.65	163	242179	3.811	ng		99
51) 2,6-Dinitrotoluene	9.70	165	36465	2.704	ng	#	81
52) Acenaphthene	9.97	154	205472	4.039	ng		99
53) 3-Nitroaniline	9.88	138	40843	2.535	ng	#	90
54) 2,4-Dinitrophenol	9.98	184	8101	1.902	ng	#	1
55) Dibenzofuran	10.15	168	314403	4.352	ng		98
56) 4-Nitrophenol	10.02	139	27073	2.351	ng		97
57) 2,4-Dinitrotoluene	10.11	165	39302	2.283	ng		97
58) Fluorene	10.49	166	241858	4.448	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	46224	3.206	ng		97
60) Diethylphthalate	10.36	149	236292	3.715	ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	118914	4.208	ng		95
62) 4-Nitroaniline	10.48	138	41296	2.687	ng		82
63) Azobenzene	10.65	77	239642	3.935	ng		96
65) 4,6-Dinitro-2-methylphenol	10.52	198	11878	2.008	ng		91
66) n-Nitrosodiphenylamine	10.60	169	206058	4.162	ng		98
67) 4-Bromophenyl-phenylether	10.98	248	65025	3.839	ng		95
68) Hexachlorobenzene	11.05	284	70529	3.822	ng		94
69) Atrazine	11.12	200	53955	3.746	ng		96
70) Pentachlorophenol	11.23	266	28468	2.847	ng		98
71) Phenanthrene	11.46	178	364095	4.384	ng		96
72) Anthracene	11.51	178	349023	4.254	ng		97
73) Carbazole	11.66	167	336383	4.343	ng		98
74) Di-n-butylphthalate	12.00	149	323421	3.444	ng		98
75) Fluoranthene	12.66	202	368272	4.080	ng		96
77) Benzidine	12.77	184	141635	2.964	ng		97
78) Pyrene	12.89	202	398643	3.912	ng		96
80) Butylbenzylphthalate	13.52	149	85404	1.881	ng		96
81) Benzo(a)anthracene	14.09	228	331651	3.695	ng		97
82) 3,3'-Dichlorobenzidine	14.05	252	96295	2.908	ng		99
83) Chrysene	14.13	228	339962	4.004	ng		96
84) Bis(2-ethylhexyl)phthalate	14.10	149	151914	2.571	ng		98
85) Di-n-octyl phthalate	14.72	149	205320	1.972	ng		98
86) Indeno(1,2,3-cd)pyrene	17.17	276	295478	2.778	ng		99
88) Benzo(b)fluoranthene	15.17	252	285045	3.333	ng		99
89) Benzo(k)fluoranthene	15.20	252	311890	3.985	ng		97
90) Benzo(a)pyrene	15.56	252	270245	3.501	ng		99
91) Dibenzo(a,h)anthracene	17.19	278	251163	3.253	ng		99
92) Benzo(g,h,i)perylene	17.63	276	249911	3.270	ng		98

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

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