Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP083019\
Data File : BP000019.D
Acq On : 30 Aug 2019 23:38
Operator : HP/JU
Sample : MDL-S-02
Misc : 4PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-S-02

Quant Time: Aug 31 01:27:29 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	573117	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	2211807	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	1187610	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	2017226	20.00	ng		0.00
76) Chrysene-d12	14.10	240	1522288	20.00	ng		0.00
87) Perylene-d12	15.63	264	1585200	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	3505645	97.54	ng		0.00
7) Phenol-d6	6.52	99	4274519	94.21	ng		0.00
23) Nitrobenzene-d5	7.45	82	2447015	67.89	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	1042959	104.19	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	4632890	65.15	ng		0.00
79) Terphenyl-d14	13.04	244	4776980	68.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	60446	3.656	ng		99
3) Pyridine	3.50	79	129596	2.910	ng		98
4) n-Nitrosodimethylamine	3.40	42	44026	3.061	ng	#	93
6) Aniline	6.55	93	227260	3.461	ng		98
8) 2-Chlorophenol	6.68	128	139239	3.747	ng		97
9) Benzaldehyde	6.44	77	128342	4.587	ng		96
10) Phenol	6.52	94	173563	3.443	ng	#	73
11) bis(2-Chloroethyl)ether	6.62	93	139874	3.513	ng		96
12) 1,3-Dichlorobenzene	6.84	146	157665	3.637	ng		97
13) 1,4-Dichlorobenzene	6.91	146	160451	3.717	ng		98
14) 1,2-Dichlorobenzene	7.07	146	150799	3.802	ng		94
15) Benzyl Alcohol	7.02	79	108444	3.260	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	149136	3.483	ng		99
17) 2-Methylphenol	7.13	107	113331	3.551	ng		97
18) Hexachloroethane	7.41	117	54952	3.433	ng		92
19) n-Nitroso-di-n-propylamine	7.29	70	93486	3.620	ng		94
20) 3+4-Methylphenols	7.28	107	147169	3.697	ng		98
22) Acetophenone	7.29	105	219970	4.152	ng		99
24) Nitrobenzene	7.46	77	147819	3.785	ng		97
25) Isophorone	7.70	82	263140	3.455	ng		99
26) 2-Nitrophenol	7.79	139	38831	2.553	ng		97
27) 2,4-Dimethylphenol	7.82	122	121594	3.962	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	176119	3.556	ng		99
29) 2,4-Dichlorophenol	8.02	162	107571	3.409	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	131549	3.657	ng		99
31) Naphthalene	8.20	128	423079	4.169	ng		98
32) Benzoic acid	7.85	122	28319	1.503	ng		95
33) 4-Chloroaniline	8.24	127	172603	3.606	ng		95
34) Hexachlorobutadiene	8.32	225	72329	3.568	ng		99
35) Caprolactam	8.55	113	30509	2.719	ng		94
36) 4-Chloro-3-methylphenol	8.71	107	115375	3.351	ng		95
37) 2-Methylnaphthalene	8.89	142	284529	4.012	ng		98
38) 1-Methylnaphthalene	8.99	142	262510	3.929	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	136599	4.064	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	60692	3.279	ng		97
43) 2,4,6-Trichlorophenol	9.16	196	69366	2.992	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	76392	3.150	ng		96
46) 1,1'-Biphenyl	9.36	154	361551	4.312	ng		97
47) 2-Chloronaphthalene	9.38	162	259374	3.727	ng		99
48) 2-Nitroaniline	9.46	65	39013	2.075	ng		96
49) Acenaphthylene	9.80	152	405152	3.923	ng		97
50) Dimethylphthalate	9.65	163	286851	3.544	ng		99
51) 2,6-Dinitrotoluene	9.70	165	45834	2.668	ng	#	78
52) Acenaphthene	9.97	154	249198	3.846	ng		97
53) 3-Nitroaniline	9.87	138	49642	2.419	ng	#	93
54) 2,4-Dinitrophenol	9.97	184	9201	1.696	ng	#	1
55) Dibenzofuran	10.15	168	376469	4.091	ng		98
56) 4-Nitrophenol	10.02	139	30932	2.109	ng		88
57) 2,4-Dinitrotoluene	10.11	165	47916	2.185	ng		97
58) Fluorene	10.49	166	293145	4.233	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	55264	3.009	ng		96
60) Diethylphthalate	10.36	149	279869	3.455	ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	142324	3.954	ng		95
62) 4-Nitroaniline	10.48	138	50922	2.602	ng		89
63) Azobenzene	10.65	77	282822	3.646	ng		97
65) 4,6-Dinitro-2-methylphenol	10.52	198	14286	1.995	ng		88
66) n-Nitrosodiphenylamine	10.60	169	246402	4.111	ng		100
67) 4-Bromophenyl-phenylether	10.97	248	72984	3.560	ng	#	90
68) Hexachlorobenzene	11.05	284	80252	3.593	ng		95
69) Atrazine	11.12	200	60923	3.494	ng		98
70) Pentachlorophenol	11.23	266	32114	2.653	ng		96
71) Phenanthrene	11.46	178	416464	4.142	ng		97
72) Anthracene	11.51	178	403150	4.059	ng		97
73) Carbazole	11.66	167	370554	3.953	ng		97
74) Di-n-butylphthalate	12.00	149	360218	3.169	ng		99
75) Fluoranthene	12.66	202	400647	3.667	ng		96
77) Benzidine	12.77	184	153832	2.929	ng		97
78) Pyrene	12.89	202	424039	3.786	ng		96
80) Butylbenzylphthalate	13.52	149	89189	1.787	ng		96
81) Benzo(a)anthracene	14.09	228	348018	3.528	ng		98
82) 3,3'-Dichlorobenzidine	14.05	252	104152	2.862	ng		99
83) Chrysene	14.13	228	348157	3.731	ng		97
84) Bis(2-ethylhexyl)phthalate	14.10	149	164200	2.529	ng		99
85) Di-n-octyl phthalate	14.72	149	218703	1.911	ng		99
86) Indeno(1,2,3-cd)pyrene	17.17	276	310139	2.653	ng		98
88) Benzo(b)fluoranthene	15.17	252	317795	3.282	ng		99
89) Benzo(k)fluoranthene	15.20	252	302827	3.418	ng		98
90) Benzo(a)pyrene	15.56	252	283977	3.249	ng		97
91) Dibenzo(a,h)anthracene	17.19	278	266358	3.047	ng		98
92) Benzo(g,h,i)perylene	17.63	276	261304	3.020	ng		98

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

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