Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP083019\
Data File : BP000022.D
Acq On : 31 Aug 2019 00:52
Operator : HP/JU
Sample : MDL-W-01
Misc : 4PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-W-01

Quant Time: Aug 31 07:41:34 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 07:36:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	574772	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	2262016	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	1239330	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	2193579	20.00	ng		0.00
76) Chrysene-d12	14.10	240	1596161	20.00	ng		0.00
87) Perylene-d12	15.63	264	1500056	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	3273938	90.83	ng		0.00
7) Phenol-d6	6.52	99	4020957	88.37	ng		0.00
23) Nitrobenzene-d5	7.45	82	2320545	62.95	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	1006592	96.36	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	4535945	61.12	ng		0.00
79) Terphenyl-d14	13.04	244	4821225	65.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	64961	3.918	ng		99
3) Pyridine	3.49	79	140748	3.151	ng		97
4) n-Nitrosodimethylamine	3.39	42	48702	3.377	ng	#	92
6) Aniline	6.55	93	250945	3.811	ng		99
8) 2-Chlorophenol	6.68	128	152787	4.099	ng		96
9) Benzaldehyde	6.44	77	141520	5.044	ng		95
10) Phenol	6.52	94	192340	3.805	ng		79
11) bis(2-Chloroethyl)ether	6.62	93	154043	3.857	ng		98
12) 1,3-Dichlorobenzene	6.84	146	171285	3.940	ng		98
13) 1,4-Dichlorobenzene	6.91	146	171726	3.967	ng		99
14) 1,2-Dichlorobenzene	7.07	146	161735	4.066	ng		98
15) Benzyl Alcohol	7.02	79	116562	3.494	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	164891	3.839	ng		99
17) 2-Methylphenol	7.13	107	125142	3.910	ng		98
18) Hexachloroethane	7.41	117	58930	3.670	ng		92
19) n-Nitroso-di-n-propylamine	7.29	70	102892	3.973	ng		92
20) 3+4-Methylphenols	7.28	107	163474	4.095	ng		98
22) Acetophenone	7.29	105	245517	4.531	ng		99
24) Nitrobenzene	7.47	77	163287	4.089	ng		93
25) Isophorone	7.70	82	300414	3.857	ng		100
26) 2-Nitrophenol	7.79	139	41490	2.668	ng		95
27) 2,4-Dimethylphenol	7.82	122	133661	4.259	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	197032	3.890	ng		99
29) 2,4-Dichlorophenol	8.02	162	121131	3.754	ng		100
30) 1,2,4-Trichlorobenzene	8.12	180	144722	3.934	ng		97
31) Naphthalene	8.20	128	476400	4.590	ng		98
32) Benzoic acid	7.85	122	32453	1.684	ng		98
33) 4-Chloroaniline	8.24	127	191656	3.915	ng		95
34) Hexachlorobutadiene	8.32	225	79845	3.852	ng		99
35) Caprolactam	8.56	113	36256	3.159	ng		95
36) 4-Chloro-3-methylphenol	8.71	107	128142	3.639	ng		95
37) 2-Methylnaphthalene	8.89	142	320770	4.423	ng		98
38) 1-Methylnaphthalene	8.99	142	297648	4.356	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	154497	4.404	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	68126	3.527	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	77403	3.200	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	88442	3.494	ng		97
46) 1,1'-Biphenyl	9.36	154	420613	4.807	ng		98
47) 2-Chloronaphthalene	9.38	162	296986	4.089	ng		97
48) 2-Nitroaniline	9.46	65	45557	2.322	ng		98
49) Acenaphthylene	9.80	152	469222	4.354	ng		97
50) Dimethylphthalate	9.65	163	334571	3.962	ng		100
51) 2,6-Dinitrotoluene	9.70	165	54103	3.018	ng	#	82
52) Acenaphthene	9.97	154	283384	4.191	ng		99
53) 3-Nitroaniline	9.87	138	59464	2.777	ng	#	93
54) 2,4-Dinitrophenol	9.97	184	11424	2.018	ng	#	1
55) Dibenzofuran	10.15	168	428711	4.465	ng		97
56) 4-Nitrophenol	10.02	139	37690	2.462	ng		93
57) 2,4-Dinitrotoluene	10.11	165	58754	2.567	ng		93
58) Fluorene	10.49	166	342982	4.746	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	65880	3.438	ng		99
60) Diethylphthalate	10.36	149	324814	3.842	ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	160859	4.282	ng		98
62) 4-Nitroaniline	10.48	138	60029	2.939	ng		86
63) Azobenzene	10.65	77	331381	4.094	ng		97
65) 4,6-Dinitro-2-methylphenol	10.52	198	17695	2.272	ng		94
66) n-Nitrosodiphenylamine	10.60	169	290239	4.454	ng		97
67) 4-Bromophenyl-phenylether	10.97	248	85573	3.839	ng		90
68) Hexachlorobenzene	11.05	284	95836	3.945	ng		97
69) Atrazine	11.12	200	72906	3.845	ng		96
70) Pentachlorophenol	11.23	266	39710	3.017	ng		98
71) Phenanthrene	11.46	178	497500	4.550	ng		96
72) Anthracene	11.51	178	480936	4.453	ng		97
73) Carbazole	11.66	167	435297	4.270	ng		97
74) Di-n-butylphthalate	12.00	149	438275	3.546	ng		98
75) Fluoranthene	12.66	202	479513	4.036	ng		96
77) Benzidine	12.77	184	180011	3.269	ng		96
78) Pyrene	12.89	202	514118	4.378	ng		96
80) Butylbenzylphthalate	13.52	149	105011	2.007	ng		92
81) Benzo(a)anthracene	14.09	228	401794	3.885	ng		98
82) 3,3'-Dichlorobenzidine	14.05	252	111716	2.928	ng		99
83) Chrysene	14.13	228	394533	4.033	ng		96
84) Bis(2-ethylhexyl)phthalate	14.09	149	174500	2.563	ng		98
85) Di-n-octyl phthalate	14.72	149	216043	1.801	ng		97
86) Indeno(1,2,3-cd)pyrene	17.16	276	315420	2.573	ng		98
88) Benzo(b)fluoranthene	15.17	252	322676	3.522	ng		99
89) Benzo(k)fluoranthene	15.20	252	339310	4.047	ng		97
90) Benzo(a)pyrene	15.56	252	294369	3.559	ng		99
91) Dibenzo(a,h)anthracene	17.19	278	270081	3.265	ng		99
92) Benzo(g,h,i)perylene	17.62	276	266919	3.260	ng		99

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

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