Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP083119\
Data File : BP000031.D
Acq On : 31 Aug 2019 08:46
Operator : HP/JU
Sample : MDL-S-04
Misc : 4PPM
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ClientSampleId :
MDL-S-04

Quant Time: Aug 31 14:54:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	445964	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1708751	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	930064	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	1683243	20.00	ng		0.00
76) Chrysene-d12	14.10	240	1435150	20.00	ng		-0.01
87) Perylene-d12	15.62	264	1489828	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	2846214	101.77	ng		0.00
7) Phenol-d6	6.51	99	3459478	97.99	ng		0.00
23) Nitrobenzene-d5	7.45	82	1930110	69.31	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	826048	105.37	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	3893288	69.91	ng		0.00
79) Terphenyl-d14	13.04	244	4477311	68.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	51714	4.020	ng		98
3) Pyridine	3.49	79	113579	3.277	ng		97
4) n-Nitrosodimethylamine	3.39	42	37846	3.382	ng	#	99
6) Aniline	6.55	93	191646	3.751	ng		100
8) 2-Chlorophenol	6.67	128	119380	4.128	ng		95
9) Benzaldehyde	6.44	77	107546	4.940	ng		97
10) Phenol	6.52	94	151789	3.870	ng		96
11) bis(2-Chloroethyl)ether	6.62	93	118368	3.820	ng		99
12) 1,3-Dichlorobenzene	6.83	146	135241	4.009	ng		98
13) 1,4-Dichlorobenzene	6.91	146	138091	4.111	ng		99
14) 1,2-Dichlorobenzene	7.06	146	128468	4.163	ng		97
15) Benzyl Alcohol	7.02	79	89337	3.451	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	123233	3.698	ng		99
17) 2-Methylphenol	7.13	107	95358	3.840	ng		98
18) Hexachloroethane	7.41	117	46754	3.753	ng		93
19) n-Nitroso-di-n-propylamine	7.29	70	75480	3.757	ng		95
20) 3+4-Methylphenols	7.28	107	123731	3.995	ng		100
22) Acetophenone	7.29	105	185051	4.521	ng		99
24) Nitrobenzene	7.46	77	124096	4.113	ng		97
25) Isophorone	7.70	82	215892	3.669	ng		99
26) 2-Nitrophenol	7.79	139	32555	2.771	ng		98
27) 2,4-Dimethylphenol	7.82	122	102988	4.344	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	145923	3.814	ng		99
29) 2,4-Dichlorophenol	8.02	162	90571	3.715	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	112312	4.041	ng		99
31) Naphthalene	8.20	128	360583	4.599	ng		98
32) Benzoic acid	7.85	122	22662	1.557	ng		94
33) 4-Chloroaniline	8.24	127	141696	3.832	ng		95
34) Hexachlorobutadiene	8.32	225	61018	3.897	ng		97
35) Caprolactam	8.55	113	26159	3.017	ng		95
36) 4-Chloro-3-methylphenol	8.71	107	94529	3.554	ng		92
37) 2-Methylnaphthalene	8.89	142	236898	4.324	ng		98
38) 1-Methylnaphthalene	8.99	142	223926	4.338	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	119006	4.521	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	53909	3.719	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	57821	3.185	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	64355	3.388	ng		95
46) 1,1'-Biphenyl	9.36	154	314114	4.784	ng		97
47) 2-Chloronaphthalene	9.38	162	222252	4.078	ng		96
48) 2-Nitroaniline	9.46	65	33038	2.244	ng		95
49) Acenaphthylene	9.80	152	341080	4.217	ng		97
50) Dimethylphthalate	9.65	163	247010	3.897	ng		100
51) 2,6-Dinitrotoluene	9.70	165	38935	2.894	ng		89
52) Acenaphthene	9.97	154	211730	4.172	ng		100
53) 3-Nitroaniline	9.87	138	43791	2.725	ng	#	92
54) 2,4-Dinitrophenol	9.97	184	9332	2.197	ng	#	1
55) Dibenzofuran	10.14	168	324113	4.498	ng		99
56) 4-Nitrophenol	10.02	139	29771	2.592	ng		93
57) 2,4-Dinitrotoluene	10.11	165	42336	2.465	ng	#	84
58) Fluorene	10.49	166	253527	4.675	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	49509	3.442	ng		99
60) Diethylphthalate	10.36	149	239387	3.773	ng		98
61) 4-Chlorophenyl-phenylether	10.48	204	121440	4.308	ng		99
62) 4-Nitroaniline	10.48	138	46559	3.037	ng		91
63) Azobenzene	10.64	77	238922	3.933	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	13256	2.218	ng		97
66) n-Nitrosodiphenylamine	10.59	169	215409	4.307	ng		99
67) 4-Bromophenyl-phenylether	10.97	248	66862	3.909	ng		98
68) Hexachlorobenzene	11.05	284	72709	3.901	ng		99
69) Atrazine	11.12	200	56305	3.870	ng		98
70) Pentachlorophenol	11.23	266	30038	2.974	ng		97
71) Phenanthrene	11.46	178	382465	4.559	ng		96
72) Anthracene	11.51	178	362201	4.370	ng		96
73) Carbazole	11.66	167	337402	4.313	ng		97
74) Di-n-butylphthalate	12.00	149	329116	3.470	ng		97
75) Fluoranthene	12.66	202	380375	4.172	ng		94
77) Benzidine	12.77	184	147917	2.987	ng		97
78) Pyrene	12.89	202	412354	3.906	ng		95
80) Butylbenzylphthalate	13.52	149	90389	1.921	ng		98
81) Benzo(a)anthracene	14.09	228	364699	3.922	ng		98
82) 3,3'-Dichlorobenzidine	14.05	252	103963	3.030	ng		99
83) Chrysene	14.12	228	364692	4.146	ng		97
84) Bis(2-ethylhexyl)phthalate	14.09	149	173057	2.827	ng		98
85) Di-n-octyl phthalate	14.72	149	226579	2.100	ng		98
86) Indeno(1,2,3-cd)pyrene	17.16	276	326001	2.958	ng		98
88) Benzo(b)fluoranthene	15.17	252	335365	3.685	ng		99
89) Benzo(k)fluoranthene	15.20	252	323849	3.889	ng		98
90) Benzo(a)pyrene	15.55	252	295892	3.602	ng		99
91) Dibenzo(a,h)anthracene	17.18	278	280435	3.414	ng		99
92) Benzo(g,h,i)perylene	17.62	276	276601	3.402	ng		98

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

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