Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP083119\
Data File : BP000035.D
Acq On : 31 Aug 2019 10:25
Operator : HP/JU
Sample : MDL-W-04
Misc : 4PPM
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ClientSampleId :
MDL-W-04

Quant Time: Aug 31 15:03:21 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 14:51:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	411343	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1619986	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	874887	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	1568288	20.00	ng		0.00
76) Chrysene-d12	14.10	240	1339535	20.00	ng		-0.01
87) Perylene-d12	15.63	264	1406830	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	2648142	102.66	ng		0.00
7) Phenol-d6	6.51	99	3227551	99.11	ng		0.00
23) Nitrobenzene-d5	7.45	82	1773173	67.16	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	775761	105.20	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	3686156	70.36	ng		0.00
79) Terphenyl-d14	13.04	244	4214240	68.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	47259	3.983	ng		98
3) Pyridine	3.49	79	107909	3.376	ng		99
4) n-Nitrosodimethylamine	3.39	42	34764	3.368	ng	#	90
6) Aniline	6.55	93	180142	3.822	ng		99
8) 2-Chlorophenol	6.67	128	109490	4.105	ng		97
9) Benzaldehyde	6.44	77	99354	4.948	ng		95
10) Phenol	6.52	94	140012	3.870	ng		98
11) bis(2-Chloroethyl)ether	6.62	93	108964	3.812	ng		99
12) 1,3-Dichlorobenzene	6.83	146	124108	3.989	ng		99
13) 1,4-Dichlorobenzene	6.91	146	129312	4.174	ng		98
14) 1,2-Dichlorobenzene	7.06	146	118471	4.162	ng		98
15) Benzyl Alcohol	7.02	79	82390	3.451	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	115963	3.773	ng		98
17) 2-Methylphenol	7.13	107	87620	3.825	ng		98
18) Hexachloroethane	7.41	117	41755	3.634	ng		93
19) n-Nitroso-di-n-propylamine	7.29	70	69257	3.737	ng		96
20) 3+4-Methylphenols	7.28	107	114439	4.006	ng		99
22) Acetophenone	7.29	105	172822	4.454	ng		98
24) Nitrobenzene	7.46	77	115998	4.056	ng		99
25) Isophorone	7.70	82	203561	3.649	ng		99
26) 2-Nitrophenol	7.79	139	28108	2.524	ng		98
27) 2,4-Dimethylphenol	7.82	122	95425	4.246	ng		100
28) bis(2-Chloroethoxy)methane	7.92	93	135309	3.730	ng		100
29) 2,4-Dichlorophenol	8.02	162	82992	3.591	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	103857	3.942	ng		98
31) Naphthalene	8.20	128	336432	4.526	ng		98
32) Benzoic acid	7.85	122	21012	1.523	ng		96
33) 4-Chloroaniline	8.24	127	132684	3.785	ng		96
34) Hexachlorobutadiene	8.32	225	57211	3.854	ng		96
35) Caprolactam	8.55	113	23893	2.907	ng		95
36) 4-Chloro-3-methylphenol	8.71	107	88217	3.498	ng		94
37) 2-Methylnaphthalene	8.89	142	220549	4.246	ng		98
38) 1-Methylnaphthalene	8.99	142	206695	4.223	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	108336	4.375	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	46944	3.443	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	51921	3.040	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	61221	3.426	ng		96
46) 1,1'-Biphenyl	9.36	154	294114	4.762	ng		99
47) 2-Chloronaphthalene	9.38	162	211116	4.118	ng		97
48) 2-Nitroaniline	9.46	65	29981	2.165	ng		99
49) Acenaphthylene	9.80	152	323834	4.257	ng		97
50) Dimethylphthalate	9.65	163	237724	3.987	ng		99
51) 2,6-Dinitrotoluene	9.70	165	34199	2.703	ng	#	84
52) Acenaphthene	9.97	154	196211	4.110	ng		100
53) 3-Nitroaniline	9.87	138	38567	2.551	ng	#	90
54) 2,4-Dinitrophenol	9.97	184	7032	1.760	ng	#	1
55) Dibenzofuran	10.15	168	305183	4.502	ng		98
56) 4-Nitrophenol	10.02	139	25458	2.356	ng		89
57) 2,4-Dinitrotoluene	10.11	165	38740	2.398	ng		87
58) Fluorene	10.49	166	238476	4.675	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	45839	3.388	ng		97
60) Diethylphthalate	10.36	149	229497	3.846	ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	114272	4.309	ng		96
62) 4-Nitroaniline	10.48	138	41306	2.865	ng		92
63) Azobenzene	10.64	77	222033	3.885	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	12161	2.184	ng		99
66) n-Nitrosodiphenylamine	10.59	169	203372	4.365	ng		100
67) 4-Bromophenyl-phenylether	10.97	248	62051	3.893	ng		96
68) Hexachlorobenzene	11.05	284	70745	4.074	ng		99
69) Atrazine	11.12	200	50648	3.736	ng		98
70) Pentachlorophenol	11.23	266	27039	2.873	ng		95
71) Phenanthrene	11.46	178	357385	4.572	ng		96
72) Anthracene	11.51	178	353378	4.576	ng		97
73) Carbazole	11.66	167	321000	4.404	ng		98
74) Di-n-butylphthalate	12.00	149	300668	3.402	ng		98
75) Fluoranthene	12.66	202	353705	4.164	ng		95
77) Benzidine	12.77	184	123856	2.680	ng	#	94
78) Pyrene	12.89	202	384793	3.905	ng		96
80) Butylbenzylphthalate	13.52	149	74768	1.703	ng	#	90
81) Benzo(a)anthracene	14.09	228	336117	3.872	ng		97
82) 3,3'-Dichlorobenzidine	14.05	252	89236	2.787	ng		98
83) Chrysene	14.13	228	345622	4.210	ng		96
84) Bis(2-ethylhexyl)phthalate	14.09	149	148303	2.595	ng		98
85) Di-n-octyl phthalate	14.72	149	189934	1.886	ng		99
86) Indeno(1,2,3-cd)pyrene	17.16	276	297784	2.894	ng		98
88) Benzo(b)fluoranthene	15.17	252	290019m	3.375	ng		
89) Benzo(k)fluoranthene	15.20	252	315103	4.007	ng		99
90) Benzo(a)pyrene	15.56	252	269637	3.476	ng		98
91) Dibenzo(a,h)anthracene	17.19	278	261197	3.367	ng		99
92) Benzo(g,h,i)perylene	17.62	276	257114	3.349	ng		98

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

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