Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP083119\
Data File : BP000037.D
Acq On : 31 Aug 2019 11:14
Operator : HP/JU
Sample : MDL-W-05
Misc : 4PPM
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ClientSampleId :
MDL-W-05

Quant Time: Aug 31 14:54:31 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 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	415974	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1646508	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	890474	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	1639509	20.00	ng		0.00
76) Chrysene-d12	14.10	240	1391780	20.00	ng		-0.01
87) Perylene-d12	15.62	264	1470793	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	2673889	102.50	ng		0.00
7) Phenol-d6	6.51	99	3282252	99.67	ng		0.00
23) Nitrobenzene-d5	7.45	82	1797599	66.99	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	802026	106.85	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	3769068	70.69	ng		0.00
79) Terphenyl-d14	13.04	244	4347884	68.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	50055	4.172	ng		97
3) Pyridine	3.48	79	109198	3.378	ng		99
4) n-Nitrosodimethylamine	3.38	42	36152	3.463	ng	#	98
6) Aniline	6.55	93	187859	3.942	ng		99
8) 2-Chlorophenol	6.68	128	115436	4.280	ng		96
9) Benzaldehyde	6.44	77	102447	5.045	ng		98
10) Phenol	6.52	94	146520	4.005	ng		98
11) bis(2-Chloroethyl)ether	6.62	93	116341	4.025	ng		99
12) 1,3-Dichlorobenzene	6.84	146	131837	4.190	ng		97
13) 1,4-Dichlorobenzene	6.91	146	136286	4.350	ng		99
14) 1,2-Dichlorobenzene	7.06	146	126286	4.387	ng		99
15) Benzyl Alcohol	7.02	79	87348	3.618	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	121168	3.898	ng		98
17) 2-Methylphenol	7.13	107	91835	3.964	ng		98
18) Hexachloroethane	7.41	117	44305	3.813	ng		93
19) n-Nitroso-di-n-propylamine	7.29	70	73347	3.914	ng		94
20) 3+4-Methylphenols	7.28	107	121484	4.205	ng		99
22) Acetophenone	7.29	105	179607	4.554	ng		98
24) Nitrobenzene	7.46	77	123361	4.244	ng		99
25) Isophorone	7.70	82	216664	3.821	ng		99
26) 2-Nitrophenol	7.79	139	30508	2.695	ng		99
27) 2,4-Dimethylphenol	7.82	122	98608	4.317	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	144713	3.925	ng		100
29) 2,4-Dichlorophenol	8.02	162	88408	3.764	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	107799	4.026	ng		99
31) Naphthalene	8.20	128	354952	4.699	ng		98
32) Benzoic acid	7.85	122	21616	1.541	ng		97
33) 4-Chloroaniline	8.24	127	141887	3.982	ng		95
34) Hexachlorobutadiene	8.32	225	61352	4.066	ng		99
35) Caprolactam	8.55	113	25763	3.084	ng		99
36) 4-Chloro-3-methylphenol	8.71	107	90956	3.549	ng		91
37) 2-Methylnaphthalene	8.89	142	237986	4.508	ng		98
38) 1-Methylnaphthalene	8.99	142	220339	4.430	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	117450	4.660	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	49913	3.597	ng		98
43) 2,4,6-Trichlorophenol	9.16	196	55793	3.210	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	63446	3.489	ng		96
46) 1,1'-Biphenyl	9.36	154	309210	4.919	ng		97
47) 2-Chloronaphthalene	9.38	162	224866	4.309	ng		96
48) 2-Nitroaniline	9.46	65	31515	2.236	ng		91
49) Acenaphthylene	9.80	152	347310	4.485	ng		97
50) Dimethylphthalate	9.65	163	256274	4.223	ng		99
51) 2,6-Dinitrotoluene	9.70	165	37910	2.943	ng		90
52) Acenaphthene	9.97	154	212327	4.370	ng		99
53) 3-Nitroaniline	9.87	138	42535	2.764	ng	#	94
54) 2,4-Dinitrophenol	9.97	184	8620	2.119	ng	#	1
55) Dibenzofuran	10.14	168	324489	4.703	ng		99
56) 4-Nitrophenol	10.02	139	27932	2.540	ng		97
57) 2,4-Dinitrotoluene	10.11	165	40589	2.468	ng		89
58) Fluorene	10.49	166	252676	4.866	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	49934	3.626	ng		97
60) Diethylphthalate	10.36	149	244752	4.030	ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	120879	4.479	ng		94
62) 4-Nitroaniline	10.48	138	43939	2.994	ng		90
63) Azobenzene	10.64	77	237268	4.079	ng		99
65) 4,6-Dinitro-2-methylphenol	10.52	198	12938	2.223	ng		98
66) n-Nitrosodiphenylamine	10.59	169	219002	4.496	ng		99
67) 4-Bromophenyl-phenylether	10.97	248	66555	3.994	ng		95
68) Hexachlorobenzene	11.05	284	75519	4.160	ng		100
69) Atrazine	11.12	200	54682	3.858	ng		97
70) Pentachlorophenol	11.23	266	29410	2.990	ng		96
71) Phenanthrene	11.46	178	388685	4.757	ng		96
72) Anthracene	11.51	178	370472	4.589	ng		96
73) Carbazole	11.66	167	343451	4.508	ng		98
74) Di-n-butylphthalate	12.00	149	320028	3.464	ng		98
75) Fluoranthene	12.66	202	385313	4.339	ng		94
77) Benzidine	12.77	184	138129	2.877	ng	#	95
78) Pyrene	12.89	202	408724	3.992	ng		95
80) Butylbenzylphthalate	13.52	149	80573	1.766	ng		94
81) Benzo(a)anthracene	14.09	228	360341	3.995	ng		97
82) 3,3'-Dichlorobenzidine	14.05	252	97985	2.945	ng		96
83) Chrysene	14.12	228	365691	4.287	ng		97
84) Bis(2-ethylhexyl)phthalate	14.09	149	160853	2.709	ng		99
85) Di-n-octyl phthalate	14.72	149	209195	2.000	ng		99
86) Indeno(1,2,3-cd)pyrene	17.16	276	328859	3.077	ng		97
88) Benzo(b)fluoranthene	15.17	252	325658	3.625	ng		99
89) Benzo(k)fluoranthene	15.20	252	328743	3.999	ng		98
90) Benzo(a)pyrene	15.56	252	293615	3.621	ng		97
91) Dibenzo(a,h)anthracene	17.18	278	281966	3.477	ng		99
92) Benzo(g,h,i)perylene	17.62	276	280063	3.489	ng		95

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

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