Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
Data File : BP000434.D
Acq On : 26 Sep 2019 20:00
Operator : JU
Sample : K5038-09MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TS-2MSD

Manual Integrations APPROVED
mohammad
9/27/2019 1:47:25 PM

Quant Time: Sep 27 03:45:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	194598	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	704648	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	202963	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	384061	20.00	ng		0.00
76) Chrysene-d12	14.01	240	519466	20.00	ng		0.01
87) Perylene-d12	15.50	264	700923	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	859263	76.23	ng		0.02
7) Phenol-d6	6.44	99	1300483	94.12	ng		0.02
23) Nitrobenzene-d5	7.35	82	720146	65.94	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	240854	119.64	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	881587	78.18	ng		0.00
79) Terphenyl-d14	12.94	244	1357207	54.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	211396	41.558	ng		99
3) Pyridine	3.29	79	513500	37.498	ng		100
4) n-Nitrosodimethylamine	3.22	42	178399	46.201	ng		96
6) Aniline	6.46	93	489067	25.671	ng	#	51
8) 2-Chlorophenol	6.58	128	597018	49.185	ng		96
9) Benzaldehyde	6.34	77	379364	52.988	ng		97
10) Phenol	6.45	94	770568	49.085	ng		86
11) bis(2-Chloroethyl)ether	6.52	93	569406	47.364	ng		99
12) 1,3-Dichlorobenzene	6.73	146	645434	44.311	ng		99
13) 1,4-Dichlorobenzene	6.81	146	642088	44.305	ng		97
14) 1,2-Dichlorobenzene	6.96	146	549673	41.404	ng		99
15) Benzyl Alcohol	6.93	79	420209	41.790	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	388253	34.065	ng		88
17) 2-Methylphenol	7.06	107	413258	39.751	ng		95
18) Hexachloroethane	7.30	117	180577	33.670	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	260362	35.639	ng		98
20) 3+4-Methylphenols	7.21	107	534692	42.531	ng	#	70
22) Acetophenone	7.20	105	658199	43.103	ng	#	98
24) Nitrobenzene	7.37	77	549688	48.457	ng		96
25) Isophorone	7.61	82	990027	45.779	ng		98
26) 2-Nitrophenol	7.69	139	283910	47.209	ng		92
27) 2,4-Dimethylphenol	7.73	122	493903	51.559	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	642163	44.646	ng		99
29) 2,4-Dichlorophenol	7.94	162	467333	45.519	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	475379	40.396	ng		99
31) Naphthalene	8.10	128	1632652	50.028	ng		99
32) Benzoic acid	7.85	122	313637	48.491	ng		95
33) 4-Chloroaniline	8.15	127	233570	15.815	ng		100
34) Hexachlorobutadiene	8.22	225	314397	45.090	ng		100
35) Caprolactam	8.50	113	82962m	23.754	ng		
36) 4-Chloro-3-methylphenol	8.64	107	274252	26.314	ng		96
37) 2-Methylnaphthalene	8.79	142	591032	26.493	ng		97
38) 1-Methylnaphthalene	8.89	142	547946	26.220	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	321592	55.418	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	50517	15.160	ng		98
43) 2,4,6-Trichlorophenol	9.08	196	204958	51.042	ng		98
44) 2,4,5-Trichlorophenol	9.12	196	218996	53.262	ng	#	95
46) 1,1'-Biphenyl	9.26	154	736124	52.428	ng		98
47) 2-Chloronaphthalene	9.28	162	574297	48.760	ng		100
48) 2-Nitroaniline	9.38	65	144590	48.341	ng		90
49) Acenaphthylene	9.70	152	929273	52.488	ng		99
50) Dimethylphthalate	9.56	163	809722	58.556	ng		99
51) 2,6-Dinitrotoluene	9.62	165	146986	48.343	ng		96
52) Acenaphthene	9.87	154	525644	47.048	ng		99
53) 3-Nitroaniline	9.79	138	99476	28.187	ng		97
54) 2,4-Dinitrophenol	9.90	184	27881	20.756	ng		93
55) Dibenzofuran	10.05	168	836923	52.990	ng		97
56) 4-Nitrophenol	9.97	139	231419	88.162	ng		87
57) 2,4-Dinitrotoluene	10.03	165	192107	48.331	ng		91
58) Fluorene	10.39	166	644413	52.824	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	181093	53.525	ng		98
60) Diethylphthalate	10.26	149	686616	51.617	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	339751	54.256	ng		98
62) 4-Nitroaniline	10.40	138	141317	40.710	ng	#	83
63) Azobenzene	10.54	77	527706	46.825	ng		94
65) 4,6-Dinitro-2-methylphenol	10.44	198	24480	13.556	ng		96
66) n-Nitrosodiphenylamine	10.50	169	568253	49.150	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	223944	51.564	ng		100
68) Hexachlorobenzene	10.95	284	250329	52.724	ng		96
70) Pentachlorophenol	11.15	266	261738	101.217	ng		99
71) Phenanthrene	11.36	178	1016861	52.834	ng		99
72) Anthracene	11.41	178	1017288	51.351	ng		99
73) Carbazole	11.57	167	884858	49.597	ng		99
74) Di-n-butylphthalate	11.90	149	1085613	48.074	ng	#	99
75) Fluoranthene	12.56	202	1238285	59.918	ng		95
77) Benzidine	12.69	184	686996	37.030	ng		97
78) Pyrene	12.80	202	1310582	33.722	ng		99
80) Butylbenzylphthalate	13.42	149	855212	47.889	ng		98
81) Benzo(a)anthracene	14.00	228	1751291	53.371	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	650788	49.349	ng		99
83) Chrysene	14.04	228	1719739	53.378	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1025577	47.841	ng		98
85) Di-n-octyl phthalate	14.62	149	2005854	50.485	ng		99
86) Indeno(1,2,3-cd)pyrene	17.00	276	1858051	47.313	ng		97
88) Benzo(b)fluoranthene	15.07	252	2138450	51.141	ng		99
89) Benzo(k)fluoranthene	15.10	252	1867725	51.206	ng		98
90) Benzo(a)pyrene	15.44	252	1776796	46.699	ng		99
91) Dibenzo(a,h)anthracene	17.02	278	1492714	42.080	ng		97
92) Benzo(g,h,i)perylene	17.45	276	907748	24.896	ng	#	91

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

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