Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\
Data File : BM022726.D
Acq On : 20 Sep 2019 13:56
Operator : HP/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC050

Quant Time: Sep 20 15:29:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 15:22:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	183667	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	743003	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	433425	20.00	ng		0.00
64) Phenanthrene-d10	17.20	188	869818	20.00	ng		0.00
76) Chrysene-d12	21.37	240	893878	20.00	ng		0.00
87) Perylene-d12	23.65	264	942390	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1174663	113.97	ng		0.00
7) Phenol-d6	6.99	99	1523002	110.96	ng		0.00
23) Nitrobenzene-d5	8.98	82	1345501	88.08	ng		0.00
42) 2,4,6-Tribromophenol	15.94	330	568957	81.10	ng		0.00
45) 2-Fluorobiphenyl	13.09	172	3155317	90.93	ng		0.00
79) Terphenyl-d14	19.82	244	4667459	76.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	234454	54.292	ng	#	100
3) Pyridine	3.72	79	571001	52.193	ng		100
4) n-Nitrosodimethylamine	3.63	42	226918	34.621	ng		98
6) Aniline	7.16	93	909419	49.489	ng		100
8) 2-Chlorophenol	7.39	128	598215	48.747	ng		99
9) Benzaldehyde	6.96	77	430082	49.447	ng		99
10) Phenol	7.02	94	710858	48.920	ng		99
11) bis(2-Chloroethyl)ether	7.25	93	562655	48.948	ng		99
12) 1,3-Dichlorobenzene	7.72	146	709581	47.440	ng		100
13) 1,4-Dichlorobenzene	7.86	146	713749	47.003	ng		99
14) 1,2-Dichlorobenzene	8.18	146	686074	46.389	ng		100
15) Benzyl Alcohol	8.06	79	478940	39.695	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.36	45	810898	50.916	ng		100
17) 2-Methylphenol	8.26	107	478591	46.177	ng		99
18) Hexachloroethane	8.91	117	264982	40.193	ng		97
19) n-Nitroso-di-n-propylamine	8.63	70	426732	39.471	ng		99
20) 3+4-Methylphenols	8.59	107	639443	45.684	ng		100
22) Acetophenone	8.65	105	900038	47.219	ng	#	99
24) Nitrobenzene	9.02	77	645062	41.243	ng		99
25) Isophorone	9.55	82	1133645	41.815	ng		100
26) 2-Nitrophenol	9.73	139	286375	43.225	ng		99
27) 2,4-Dimethylphenol	9.79	122	472211	47.286	ng		100
28) bis(2-Chloroethoxy)methane	10.03	93	772057	48.137	ng		100
29) 2,4-Dichlorophenol	10.26	162	537878	44.635	ng		100
30) 1,2,4-Trichlorobenzene	10.49	180	643298	43.338	ng		99
31) Naphthalene	10.67	128	1835656	47.569	ng		100
32) Benzoic acid	9.93	122	319342	37.461	ng		97
33) 4-Chloroaniline	10.77	127	814763	50.451	ng		100
34) Hexachlorobutadiene	10.96	225	382340	30.020	ng		99
35) Caprolactam	11.56	113	165248	51.014	ng		100
36) 4-Chloro-3-methylphenol	11.90	107	529057	41.535	ng		98
37) 2-Methylnaphthalene	12.28	142	1299885	46.085	ng		99
38) 1-Methylnaphthalene	12.50	142	1229590	45.639	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	711246	41.923	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	403796	51.139	ng		99
43) 2,4,6-Trichlorophenol	12.89	196	430627	42.342	ng		98
44) 2,4,5-Trichlorophenol	12.96	196	453179	43.898	ng		100
46) 1,1'-Biphenyl	13.30	154	1752975	51.428	ng		100
47) 2-Chloronaphthalene	13.33	162	1336089	47.628	ng		99
48) 2-Nitroaniline	13.53	65	365680	41.240	ng		99
49) Acenaphthylene	14.18	152	2019965	46.945	ng		100
50) Dimethylphthalate	13.92	163	1602873	43.987	ng		100
51) 2,6-Dinitrotoluene	14.03	165	339068	47.117	ng		98
52) Acenaphthene	14.52	154	1325333	52.817	ng		99
53) 3-Nitroaniline	14.36	138	396335	55.303	ng		99
54) 2,4-Dinitrophenol	14.56	184	167588	47.112	ng		98
55) Dibenzofuran	14.86	168	1899482	45.555	ng		99
56) 4-Nitrophenol	14.66	139	308643	64.619	ng		100
57) 2,4-Dinitrotoluene	14.82	165	459016	44.431	ng		99
58) Fluorene	15.50	166	1573524	44.764	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	400677	38.929	ng		98
60) Diethylphthalate	15.28	149	1582304	41.177	ng		100
61) 4-Chlorophenyl-phenylether	15.50	204	810870	36.602	ng		100
62) 4-Nitroaniline	15.52	138	424565	64.008	ng		98
63) Azobenzene	15.79	77	1430249	38.625	ng		100
65) 4,6-Dinitro-2-methylphenol	15.58	198	216743	41.502	ng		95
66) n-Nitrosodiphenylamine	15.72	169	1341942	48.115	ng		100
67) 4-Bromophenyl-phenylether	16.39	248	489301	37.962	ng		98
68) Hexachlorobenzene	16.51	284	567916	38.783	ng		100
69) Atrazine	16.66	200	448438	48.555	ng		100
70) Pentachlorophenol	16.85	266	314533	44.149	ng		100
71) Phenanthrene	17.24	178	2471862	49.004	ng		100
72) Anthracene	17.33	178	2438942	48.709	ng		99
73) Carbazole	17.60	167	2259596	54.081	ng		99
74) Di-n-butylphthalate	18.17	149	2657123	41.915	ng		100
75) Fluoranthene	19.25	202	2838200	46.660	ng		99
77) Benzidine	19.43	184	1385551	69.108	ng		100
78) Pyrene	19.62	202	2954684	46.961	ng		99
80) Butylbenzylphthalate	20.52	149	1179480	41.912	ng		96
81) Benzo(a)anthracene	21.36	228	2938853	46.750	ng		99
82) 3,3'-Dichlorobenzidine	21.29	252	1089061	49.688	ng		99
83) Chrysene	21.42	228	2834771	46.714	ng		100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1790137	42.298	ng		100
85) Di-n-octyl phthalate	22.19	149	2827510	41.276	ng		99
86) Indeno(1,2,3-cd)pyrene	25.97	276	3380103	49.726	ng	#	100
88) Benzo(b)fluoranthene	22.97	252	2863497	45.506	ng		100
89) Benzo(k)fluoranthene	23.01	252	2933350	47.689	ng		100
90) Benzo(a)pyrene	23.55	252	2701952	47.149	ng		99
91) Dibenzo(a,h)anthracene	25.97	278	2807330	46.104	ng		98
92) Benzo(g,h,i)perylene	26.67	276	2636112	49.519	ng		99

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

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