Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\
Data File : BM022730.D
Acq On : 20 Sep 2019 16:38
Operator : HP/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ICVBM092019

Quant Time: Sep 20 17:59:41 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 16:34:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	198730	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	786540	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	462848	20.00	ng	0.00
64) Phenanthrene-d10	17.20	188	933216	20.00	ng	0.00
76) Chrysene-d12	21.38	240	966138	20.00	ng	0.00
87) Perylene-d12	23.65	264	1068646	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	981363	78.32	ng	0.00
7) Phenol-d6	6.99	99	1254304	77.94	ng	0.00
23) Nitrobenzene-d5	8.98	82	1102349	77.80	ng	0.00
42) 2,4,6-Tribromophenol	15.95	330	478092	82.74	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	2618594	77.91	ng	0.00
79) Terphenyl-d14	19.82	244	3918204	78.53	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	194089	38.494	ng	# 100
3) Pyridine	3.72	79	533938	40.176	ng	100
4) n-Nitrosodimethylamine	3.63	42	186844	38.619	ng	99
6) Aniline	7.15	93	749842	38.856	ng	100
8) 2-Chlorophenol	7.39	128	495269	38.793	ng	100
9) Benzaldehyde	6.97	77	409237	44.657	ng	99
10) Phenol	7.02	94	584631	38.585	ng	99
11) bis(2-Chloroethyl)ether	7.25	93	459293	38.582	ng	99
12) 1,3-Dichlorobenzene	7.72	146	593666	38.906	ng	100
13) 1,4-Dichlorobenzene	7.86	146	598960	38.774	ng	99
14) 1,2-Dichlorobenzene	8.18	146	568228	38.583	ng	100
15) Benzyl Alcohol	8.06	79	396933	39.415	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.36	45	647664	37.453	ng	100
17) 2-Methylphenol	8.26	107	392284	39.115	ng	99
18) Hexachloroethane	8.91	117	217435	38.377	ng	98
19) n-Nitroso-di-n-propylamine	8.63	70	350356	38.984	ng	100
20) 3+4-Methylphenols	8.59	107	525756	39.359	ng	99
22) Acetophenone	8.65	105	817281	42.095	ng	99
24) Nitrobenzene	9.02	77	524015	38.653	ng	100
25) Isophorone	9.55	82	930976	39.960	ng	99
26) 2-Nitrophenol	9.73	139	239878	40.987	ng	99
27) 2,4-Dimethylphenol	9.79	122	388542	39.656	ng	100
28) bis(2-Chloroethoxy)methane	10.03	93	631489	39.170	ng	99
29) 2,4-Dichlorophenol	10.26	162	447003	40.353	ng	100
30) 1,2,4-Trichlorobenzene	10.49	180	534687	39.232	ng	99
31) Naphthalene	10.67	128	1509810	38.849	ng	100
32) Benzoic acid	9.93	122	319876	47.567	ng	96
33) 4-Chloroaniline	10.78	127	667593	39.564	ng	100
34) Hexachlorobutadiene	10.96	225	322589	39.707	ng	100
35) Caprolactam	11.56	113	139061	42.345	ng	96
36) 4-Chloro-3-methylphenol	11.90	107	437379	40.470	ng	99
37) 2-Methylnaphthalene	12.28	142	1066616	39.429	ng	99
38) 1-Methylnaphthalene	12.50	142	1006303	39.189	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	706834	45.070	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	338483	39.557	ng		99
43) 2,4,6-Trichlorophenol	12.89	196	365000	40.324	ng		99
44) 2,4,5-Trichlorophenol	12.96	196	374434	39.696	ng		99
46) 1,1'-Biphenyl	13.30	154	1639641	42.803	ng		99
47) 2-Chloronaphthalene	13.33	162	1094672	38.340	ng		99
48) 2-Nitroaniline	13.53	65	297461	40.010	ng		99
49) Acenaphthylene	14.18	152	1657601	39.205	ng		100
50) Dimethylphthalate	13.92	163	1318872	39.429	ng		100
51) 2,6-Dinitrotoluene	14.03	165	281260	40.199	ng		100
52) Acenaphthene	14.53	154	1085618	39.247	ng		99
53) 3-Nitroaniline	14.36	138	327776	40.694	ng		100
54) 2,4-Dinitrophenol	14.56	184	136238	39.766	ng		97
55) Dibenzofuran	14.86	168	1585127	39.253	ng		100
56) 4-Nitrophenol	14.66	139	255055	41.198	ng		99
57) 2,4-Dinitrotoluene	14.82	165	378753	41.322	ng		98
58) Fluorene	15.50	166	1286504	39.204	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	341216	41.478	ng		97
60) Diethylphthalate	15.29	149	1297263	39.887	ng		98
61) 4-Chlorophenyl-phenylether	15.50	204	668831	39.667	ng		99
62) 4-Nitroaniline	15.52	138	342761	40.589	ng		99
63) Azobenzene	15.79	77	1148587	39.106	ng		99
65) 4,6-Dinitro-2-methylphenol	15.58	198	177952	39.331	ng		93
66) n-Nitrosodiphenylamine	15.72	169	1104583	38.744	ng		99
67) 4-Bromophenyl-phenylether	16.39	248	412935	39.783	ng		98
68) Hexachlorobenzene	16.51	284	476233	39.343	ng		99
69) Atrazine	16.66	200	372678	40.211	ng		99
70) Pentachlorophenol	16.85	266	263627	40.838	ng		100
71) Phenanthrene	17.24	178	2034722	38.641	ng		100
72) Anthracene	17.33	178	1993554	39.064	ng		99
73) Carbazole	17.60	167	1860093	39.169	ng		99
74) Di-n-butylphthalate	18.17	149	2160988	40.131	ng		100
75) Fluoranthene	19.26	202	2372935	39.935	ng		98
77) Benzidine	19.43	184	1101368	41.554	ng		100
78) Pyrene	19.62	202	2463416	38.907	ng		100
80) Butylbenzylphthalate	20.52	149	963044	40.021	ng		97
81) Benzo(a)anthracene	21.36	228	2452136	39.161	ng		100
82) 3,3'-Dichlorobenzidine	21.29	252	905703	40.787	ng		99
83) Chrysene	21.42	228	2360981	38.892	ng		99
84) Bis(2-ethylhexyl)phthalate	21.30	149	1437041	40.305	ng		100
85) Di-n-octyl phthalate	22.19	149	2331324	41.027	ng		99
86) Indeno(1,2,3-cd)pyrene	25.97	276	2910823	40.174	ng	#	100
88) Benzo(b)fluoranthene	22.97	252	2508425	38.768	ng		99
89) Benzo(k)fluoranthene	23.02	252	2435909	37.942	ng		99
90) Benzo(a)pyrene	23.56	252	2304900	38.659	ng		98
91) Dibenzo(a,h)anthracene	25.98	278	2401909	38.514	ng		99
92) Benzo(g,h,i)perylene	26.67	276	2302978	38.879	ng		99

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

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