Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115015.D
Acq On : 13 Jun 2019 21:23
Operator : HP/JU
Sample : K3345-09MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MS

Manual Integrations APPROVED
mohammad
6/14/2019 8:47:25 AM

Quant Time: Jun 14 04:24:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	294408	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	1139938	20.00	ng		0.00
39) Acenaphthene-d10	9.68	164	547409	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	1038020	20.00	ng		0.00
76) Chrysene-d12	13.77	240	510927	20.00	ng		0.00
87) Perylene-d12	15.14	264	573617	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1005502	57.03	ng		0.00
7) Phenol-d6	6.29	99	818019	38.46	ng		0.00
23) Nitrobenzene-d5	7.22	82	1671727	88.27	ng		0.00
42) 2,4,6-Tribromophenol	10.47	330	700515	119.50	ng		0.00
45) 2-Fluorobiphenyl	9.01	172	3018643	93.46	ng		0.00
79) Terphenyl-d14	12.73	244	2835719	104.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	133157	16.134	ng		99
3) Pyridine	3.02	79	291841	12.560	ng		99
4) n-Nitrosodimethylamine	2.93	42	141112	17.106	ng		98
6) Aniline	6.31	93	465792	16.353	ng	#	80
8) 2-Chlorophenol	6.43	128	711350	35.581	ng		98
9) Benzaldehyde	6.19	77	222341	13.499	ng		99
10) Phenol	6.30	94	335699	14.108	ng		99
11) bis(2-Chloroethyl)ether	6.39	93	786349	42.576	ng		99
12) 1,3-Dichlorobenzene	6.59	146	821856	35.195	ng		99
13) 1,4-Dichlorobenzene	6.66	146	840642	35.807	ng		100
14) 1,2-Dichlorobenzene	6.82	146	785920	35.558	ng		98
15) Benzyl Alcohol	6.79	79	435593	27.335	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.93	45	1027515	41.567	ng		98
17) 2-Methylphenol	6.92	107	496483	29.773	ng		98
18) Hexachloroethane	7.16	117	295895	34.900	ng		97
19) n-Nitroso-di-n-propylamine	7.07	70	573046	44.346	ng		98
20) 3+4-Methylphenols	7.07	107	512766m	25.836	ng		
22) Acetophenone	7.06	105	1220472	47.297	ng		96
24) Nitrobenzene	7.23	77	879692	45.654	ng		94
25) Isophorone	7.47	82	1638625	46.197	ng		100
26) 2-Nitrophenol	7.55	139	469528	43.717	ng		97
27) 2,4-Dimethylphenol	7.60	122	685168	44.222	ng		100
28) bis(2-Chloroethoxy)methane	7.69	93	1030243	45.271	ng		99
29) 2,4-Dichlorophenol	7.79	162	712037	43.503	ng		97
30) 1,2,4-Trichlorobenzene	7.87	180	801228	42.365	ng		98
31) Naphthalene	7.95	128	2641345	48.972	ng		99
32) Benzoic acid	7.68	122	96706	8.627	ng		94
33) 4-Chloroaniline	8.00	127	394368	15.840	ng		98
34) Hexachlorobutadiene	8.07	225	418640	39.824	ng		99
35) Caprolactam	8.37	113	33544m	6.153	ng		
36) 4-Chloro-3-methylphenol	8.49	107	680816	41.275	ng		96
37) 2-Methylnaphthalene	8.65	142	1732450	48.159	ng		100
38) 1-Methylnaphthalene	8.74	142	1637282	48.156	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	732561	45.297	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	618767	77.645	ng		100
43) 2,4,6-Trichlorophenol	8.92	196	522720	43.274	ng		100
44) 2,4,5-Trichlorophenol	8.97	196	544781	44.627	ng		98
46) 1,1'-Biphenyl	9.11	154	1978882	45.112	ng		99
47) 2-Chloronaphthalene	9.13	162	1584628	44.672	ng		99
48) 2-Nitroaniline	9.23	65	470281	44.854	ng		94
49) Acenaphthylene	9.55	152	2436184	44.668	ng		99
50) Dimethylphthalate	9.42	163	1921461	46.674	ng		100
51) 2,6-Dinitrotoluene	9.47	165	448205	47.997	ng	#	84
52) Acenaphthene	9.72	154	1450077	46.472	ng		99
53) 3-Nitroaniline	9.63	138	226344	19.783	ng		97
54) 2,4-Dinitrophenol	9.75	184	279790	61.771	ng		96
55) Dibenzofuran	9.89	168	2083426	44.302	ng		100
56) 4-Nitrophenol	9.80	139	232792	29.505	ng		92
57) 2,4-Dinitrotoluene	9.87	165	569018	47.874	ng		99
58) Fluorene	10.23	166	1504016	48.513	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.00	232	441747	44.799	ng		100
60) Diethylphthalate	10.11	149	1837256	46.675	ng		100
61) 4-Chlorophenyl-phenylether	10.22	204	737520	47.973	ng		98
62) 4-Nitroaniline	10.25	138	439452	38.201	ng		99
63) Azobenzene	10.38	77	1589694	46.163	ng		97
65) 4,6-Dinitro-2-methylphenol	10.28	198	198334	34.090	ng		89
66) n-Nitrosodiphenylamine	10.34	169	1491532	48.070	ng		99
67) 4-Bromophenyl-phenylether	10.70	248	515896	46.288	ng		95
68) Hexachlorobenzene	10.77	284	553986	45.148	ng		94
69) Atrazine	10.87	200	494929	49.473	ng		99
70) Pentachlorophenol	10.97	266	510548	76.617	ng		100
71) Phenanthrene	11.18	178	2324158	43.366	ng		99
72) Anthracene	11.23	178	2410461	44.582	ng		99
73) Carbazole	11.39	167	2126394	45.058	ng		99
74) Di-n-butylphthalate	11.73	149	2651811	44.572	ng		99
75) Fluoranthene	12.36	202	2251981	41.092	ng		99
77) Benzidine	12.47	184	687031	33.245	ng		97
78) Pyrene	12.58	202	2237426	48.071	ng		100
80) Butylbenzylphthalate	13.21	149	1091895	50.225	ng		97
81) Benzo(a)anthracene	13.76	228	1765205	46.169	ng		99
82) 3,3'-Dichlorobenzidine	13.73	252	479225	32.693	ng	#	99
83) Chrysene	13.80	228	1802059	47.398	ng		100
84) Bis(2-ethylhexyl)phthalate	13.77	149	1335736	51.986	ng		100
85) Di-n-octyl phthalate	14.38	149	2260398	51.087	ng		100
86) Indeno(1,2,3-cd)pyrene	16.45	276	1577115	47.223	ng		99
88) Benzo(b)fluoranthene	14.77	252	1688927	44.292	ng		99
89) Benzo(k)fluoranthene	14.80	252	1635221	48.856	ng		99
90) Benzo(a)pyrene	15.10	252	1573617	47.825	ng		98
91) Dibenzo(a,h)anthracene	16.47	278	1319304	46.558	ng		99
92) Benzo(g,h,i)perylene	16.84	276	1292722	44.732	ng		99

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

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