Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
Data File : BF114709.D
Acq On : 31 May 2019 15:38
Operator : HP/JU
Sample : K3072-06MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6MS

Manual Integrations APPROVED
mohammad
6/3/2019 8:49:28 AM

Quant Time: Jun 01 00:56:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	344544	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	1331506	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	662098	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	1321977	20.00	ng		0.00
76) Chrysene-d12	13.82	240	813802	20.00	ng		0.00
87) Perylene-d12	15.20	264	908075	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	2513333	128.07	ng		0.02
7) Phenol-d6	6.34	99	3159400	133.60	ng		0.01
23) Nitrobenzene-d5	7.26	82	1960742	91.87	ng		0.00
42) 2,4,6-Tribromophenol	10.51	330	912505	144.64	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	3086152	88.15	ng		0.00
79) Terphenyl-d14	12.78	244	3585502	82.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	359603	38.185	ng		96
3) Pyridine	3.09	79	660097	24.085	ng		98
4) n-Nitrosodimethylamine	3.02	42	447312	40.331	ng		95
6) Aniline	6.36	93	838422	23.472	ng	#	39
8) 2-Chlorophenol	6.49	128	1045916	46.150	ng		98
9) Benzaldehyde	6.24	77	444224	31.245	ng		95
10) Phenol	6.35	94	1216089	42.569	ng		96
11) bis(2-Chloroethyl)ether	6.44	93	953402	43.632	ng		98
12) 1,3-Dichlorobenzene	6.64	146	1100146	42.608	ng		99
13) 1,4-Dichlorobenzene	6.72	146	1101606	42.528	ng		99
14) 1,2-Dichlorobenzene	6.87	146	1042678	44.214	ng		100
15) Benzyl Alcohol	6.84	79	863510	46.422	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1346840	40.186	ng		98
17) 2-Methylphenol	6.96	107	878920	45.852	ng		99
18) Hexachloroethane	7.21	117	397466	40.528	ng		96
19) n-Nitroso-di-n-propylamine	7.12	70	685871	42.019	ng		97
20) 3+4-Methylphenols	7.11	107	985579	43.717	ng		95
22) Acetophenone	7.11	105	1355355	47.774	ng		98
24) Nitrobenzene	7.28	77	1057585	46.650	ng		93
25) Isophorone	7.52	82	1948176	45.486	ng		99
26) 2-Nitrophenol	7.59	139	574074	52.021	ng		99
27) 2,4-Dimethylphenol	7.64	122	951068	51.820	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	1211982	44.452	ng		100
29) 2,4-Dichlorophenol	7.84	162	916326	49.052	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	973329	45.732	ng		99
31) Naphthalene	8.00	128	2810825	45.830	ng		99
32) Benzoic acid	7.74	122	287488m	24.117	ng		
33) 4-Chloroaniline	8.04	127	392469	13.431	ng		99
34) Hexachlorobutadiene	8.13	225	513146	43.401	ng		99
35) Caprolactam	8.42	113	299884m	47.569	ng		
36) 4-Chloro-3-methylphenol	8.53	107	949260	50.670	ng		98
37) 2-Methylnaphthalene	8.69	142	1946151	47.758	ng		98
38) 1-Methylnaphthalene	8.79	142	1847984	47.864	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	815903	46.274	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	977497	83.893	ng		99
43) 2,4,6-Trichlorophenol	8.97	196	656119	47.292	ng		99
44) 2,4,5-Trichlorophenol	9.00	196	707219	51.083	ng		98
46) 1,1'-Biphenyl	9.15	154	2268800	46.163	ng		99
47) 2-Chloronaphthalene	9.17	162	1842202	45.694	ng		98
48) 2-Nitroaniline	9.27	65	582190	46.795	ng		89
49) Acenaphthylene	9.59	152	2850140	45.761	ng		99
50) Dimethylphthalate	9.46	163	2682528	58.144	ng		99
51) 2,6-Dinitrotoluene	9.51	165	536529	50.048	ng		93
52) Acenaphthene	9.76	154	1875893	49.111	ng		100
53) 3-Nitroaniline	9.67	138	359910	27.431	ng		94
54) 2,4-Dinitrophenol	9.78	184	356526	84.314	ng		93
55) Dibenzofuran	9.93	168	2458221	45.212	ng		100
56) 4-Nitrophenol	9.85	139	962305	98.971	ng		98
57) 2,4-Dinitrotoluene	9.92	165	724566	52.663	ng	#	83
58) Fluorene	10.27	166	1758482	50.478	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	573661	50.623	ng		99
60) Diethylphthalate	10.16	149	2191209	46.502	ng		99
61) 4-Chlorophenyl-phenylether	10.26	204	869403	49.108	ng		99
62) 4-Nitroaniline	10.29	138	605370	47.349	ng		98
63) Azobenzene	10.43	77	1935232	44.733	ng		94
65) 4,6-Dinitro-2-methylphenol	10.32	198	258902	44.168	ng		93
66) n-Nitrosodiphenylamine	10.39	169	1796754	46.002	ng		99
67) 4-Bromophenyl-phenylether	10.75	248	633888	44.714	ng		96
68) Hexachlorobenzene	10.82	284	681281	44.369	ng		94
69) Atrazine	10.92	200	622077	54.360	ng		99
70) Pentachlorophenol	11.01	266	691281	78.100	ng		98
71) Phenanthrene	11.23	178	2858150	42.383	ng		99
72) Anthracene	11.27	178	2957381	43.330	ng		99
73) Carbazole	11.43	167	2781322	46.368	ng		99
74) Di-n-butylphthalate	11.77	149	3145088	42.935	ng		99
75) Fluoranthene	12.40	202	2995253	42.894	ng		99
77) Benzidine	12.52	184	354700	10.585	ng	#	92
78) Pyrene	12.63	202	3021655	43.893	ng		99
80) Butylbenzylphthalate	13.26	149	1540807	44.536	ng		98
81) Benzo(a)anthracene	13.81	228	2672648	42.737	ng		99
82) 3,3'-Dichlorobenzidine	13.77	252	668637	27.685	ng		98
83) Chrysene	13.85	228	2685314	44.943	ng		99
84) Bis(2-ethylhexyl)phthalate	13.83	149	1882503	44.012	ng	#	99
85) Di-n-octyl phthalate	14.43	149	3353353	45.124	ng		98
86) Indeno(1,2,3-cd)pyrene	16.54	276	2551158	42.631	ng		99
88) Benzo(b)fluoranthene	14.82	252	2581616	45.138	ng		100
89) Benzo(k)fluoranthene	14.85	252	2405073	48.380	ng		99
90) Benzo(a)pyrene	15.16	252	2364387	47.058	ng		100
91) Dibenzo(a,h)anthracene	16.56	278	2128063	47.930	ng		99
92) Benzo(g,h,i)perylene	16.94	276	2171742	50.398	ng		99

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

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