Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114360.D
Acq On : 17 May 2019 19:51
Operator : JU/SJ
Sample : K2894-02MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-9-10MSD

Manual Integrations APPROVED
mohammad
5/21/2019 2:16:12 PM

Quant Time: May 18 05:43:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	199703	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	770064	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	367442	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	727356	20.00	ng		0.00
76) Chrysene-d12	14.03	240	485570	20.00	ng		0.00
87) Perylene-d12	15.52	264	476253	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1430000	115.23	ng		0.00
7) Phenol-d6	6.50	99	1874597	127.72	ng		0.00
23) Nitrobenzene-d5	7.42	82	1168660	85.17	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	464914	122.39	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1911851	78.71	ng		0.00
79) Terphenyl-d14	12.96	244	1815578	77.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	191850	28.126	ng		99
3) Pyridine	3.37	79	536886	28.568	ng		96
4) n-Nitrosodimethylamine	3.31	42	297039	32.776	ng		93
6) Aniline	6.51	93	514277	24.257	ng	#	1
8) 2-Chlorophenol	6.64	128	560545	42.312	ng		99
9) Benzaldehyde	6.40	77	405496	39.464	ng		99
10) Phenol	6.51	94	683841	39.606	ng		92
11) bis(2-Chloroethyl)ether	6.58	93	554132	42.274	ng		98
12) 1,3-Dichlorobenzene	6.79	146	565842	38.050	ng		99
13) 1,4-Dichlorobenzene	6.86	146	580303	38.725	ng		99
14) 1,2-Dichlorobenzene	7.02	146	543073	39.668	ng		99
15) Benzyl Alcohol	6.99	79	472161	41.246	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1002095	39.428	ng		75
17) 2-Methylphenol	7.11	107	453733	41.693	ng		94
18) Hexachloroethane	7.36	117	198139	35.226	ng		96
19) n-Nitroso-di-n-propylamine	7.26	70	387804	41.685	ng		100
20) 3+4-Methylphenols	7.26	107	580416	46.162	ng	#	78
22) Acetophenone	7.26	105	757765	44.419	ng	#	90
24) Nitrobenzene	7.43	77	598969	42.858	ng		95
25) Isophorone	7.67	82	1107351	43.514	ng		99
26) 2-Nitrophenol	7.75	139	297428	43.865	ng		94
27) 2,4-Dimethylphenol	7.79	122	504491	47.373	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	698425	42.298	ng		99
29) 2,4-Dichlorophenol	8.00	162	466479	43.990	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	480822	39.875	ng		99
31) Naphthalene	8.15	128	1556778	43.279	ng		99
32) Benzoic acid	7.89	122	40748	11.602	ng		92
33) 4-Chloroaniline	8.20	127	221562	13.517	ng		97
34) Hexachlorobutadiene	8.27	225	263292	38.375	ng		97
35) Caprolactam	8.57	113	166708m	48.213	ng		
36) 4-Chloro-3-methylphenol	8.70	107	510323	47.810	ng		99
37) 2-Methylnaphthalene	8.85	142	1043199	44.950	ng		97
38) 1-Methylnaphthalene	8.95	142	993362	45.451	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	474108	42.595	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	38766	11.396	ng		98
43) 2,4,6-Trichlorophenol	9.13	196	329755	43.072	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	353045	44.965	ng		96
46) 1,1'-Biphenyl	9.30	154	1270179	42.790	ng		98
47) 2-Chloronaphthalene	9.33	162	972407	40.704	ng		98
48) 2-Nitroaniline	9.43	65	357242	42.165	ng		92
49) Acenaphthylene	9.75	152	1571297	43.245	ng		98
50) Dimethylphthalate	9.60	163	1469024	54.461	ng		99
51) 2,6-Dinitrotoluene	9.67	165	264382	44.191	ng		92
52) Acenaphthene	9.92	154	909174	40.776	ng		98
53) 3-Nitroaniline	9.84	138	174048	23.436	ng		94
54) 2,4-Dinitrophenol	9.96	184	40602	19.104	ng		97
55) Dibenzofuran	10.09	168	1335358	40.843	ng		97
56) 4-Nitrophenol	10.03	139	389199	74.104	ng		93
57) 2,4-Dinitrotoluene	10.08	165	338495	41.685	ng	#	86
58) Fluorene	10.43	166	1087782	43.074	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	291599	43.043	ng		99
60) Diethylphthalate	10.30	149	1185979	43.273	ng		100
61) 4-Chlorophenyl-phenylether	10.42	204	517740	41.742	ng		97
62) 4-Nitroaniline	10.46	138	275689	35.327	ng		98
63) Azobenzene	10.59	77	1131073	42.636	ng		97
65) 4,6-Dinitro-2-methylphenol	10.50	198	60205	17.226	ng		92
66) n-Nitrosodiphenylamine	10.54	169	1008969	45.706	ng		99
67) 4-Bromophenyl-phenylether	10.91	248	334984	41.829	ng		96
68) Hexachlorobenzene	10.99	284	347944	39.273	ng		95
69) Atrazine	11.07	200	306239	44.578	ng		99
70) Pentachlorophenol	11.19	266	307966	73.329	ng		99
71) Phenanthrene	11.40	178	1544920	43.658	ng		98
72) Anthracene	11.45	178	1591298	44.771	ng		99
73) Carbazole	11.60	167	1515364	44.710	ng		98
74) Di-n-butylphthalate	11.93	149	1821052	46.636	ng		100
75) Fluoranthene	12.59	202	1590241	41.731	ng		98
77) Benzidine	12.71	184	1038981	47.667	ng		95
78) Pyrene	12.82	202	1588898	40.677	ng		99
80) Butylbenzylphthalate	13.42	149	746630	45.411	ng		94
81) Benzo(a)anthracene	14.02	228	1359567	43.289	ng		100
82) 3,3'-Dichlorobenzidine	13.97	252	487515	40.015	ng	#	98
83) Chrysene	14.06	228	1330551	43.218	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1040014	48.365	ng		100
85) Di-n-octyl phthalate	14.62	149	1733669	49.735	ng		99
86) Indeno(1,2,3-cd)pyrene	17.02	276	1006358	36.986	ng		99
88) Benzo(b)fluoranthene	15.09	252	1352692	44.334	ng		99
89) Benzo(k)fluoranthene	15.12	252	1226524	43.761	ng		98
90) Benzo(a)pyrene	15.46	252	1191174	44.360	ng		99
91) Dibenzo(a,h)anthracene	17.02	278	847195	37.968	ng		100
92) Benzo(g,h,i)perylene	17.46	276	801262	35.833	ng		99

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

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