Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116025.D
Acq On : 6 Aug 2019 20:42
Operator : HP/JU
Sample : K4129-15MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMSD

Manual Integrations APPROVED
mohammad
8/7/2019 4:42:08 PM

Quant Time: Aug 07 05:01:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	121682	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	464127	20.00	ng		-0.01
39) Acenaphthene-d10	9.88	164	250843	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	438185	20.00	ng		-0.02
76) Chrysene-d12	14.00	240	307292	20.00	ng		-0.02
87) Perylene-d12	15.46	264	351073	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	899162	123.70	ng		0.01
7) Phenol-d6	6.49	99	1121719	122.32	ng		0.00
23) Nitrobenzene-d5	7.41	82	815198	101.39	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	359076	147.65	ng		-0.02
45) 2-Fluorobiphenyl	9.20	172	1435881	107.22	ng		-0.02
79) Terphenyl-d14	12.95	244	1642272	112.61	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	129350	35.226	ng	#	86
3) Pyridine	3.49	79	299858	29.233	ng		96
4) n-Nitrosodimethylamine	3.40	42	165591	40.907	ng		98
6) Aniline	6.51	93	173185	13.186	ng	#	77
8) 2-Chlorophenol	6.63	128	358422	44.593	ng		97
9) Benzaldehyde	6.40	77	153610	24.276	ng		99
10) Phenol	6.50	94	406022	37.597	ng		98
11) bis(2-Chloroethyl)ether	6.58	93	359058	45.222	ng		99
12) 1,3-Dichlorobenzene	6.79	146	388622	41.836	ng		98
13) 1,4-Dichlorobenzene	6.86	146	394937	42.462	ng		98
14) 1,2-Dichlorobenzene	7.02	146	368206	42.994	ng		99
15) Benzyl Alcohol	6.99	79	316837	45.525	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	461201	42.586	ng		85
17) 2-Methylphenol	7.10	107	304696	44.769	ng		97
18) Hexachloroethane	7.35	117	143154	41.804	ng		94
19) n-Nitroso-di-n-propylamine	7.26	70	255294	44.923	ng		99
20) 3+4-Methylphenols	7.26	107	378301	46.971	ng	#	75
22) Acetophenone	7.25	105	505748	49.686	ng		99
24) Nitrobenzene	7.42	77	412193	47.477	ng		99
25) Isophorone	7.66	82	743107	48.333	ng		99
26) 2-Nitrophenol	7.74	139	200711	49.043	ng		98
27) 2,4-Dimethylphenol	7.78	122	332963	54.078	ng		100
28) bis(2-Chloroethoxy)methane	7.87	93	455332	47.781	ng		99
29) 2,4-Dichlorophenol	7.99	162	325555	50.077	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	341994	46.149	ng		99
31) Naphthalene	8.15	128	1065792	48.798	ng		100
32) Benzoic acid	7.91	122	128296	29.555	ng		97
33) 4-Chloroaniline	8.20	127	89950	9.217	ng		99
34) Hexachlorobutadiene	8.26	225	191267	44.809	ng		100
35) Caprolactam	8.56	113	87109m	41.429	ng		
36) 4-Chloro-3-methylphenol	8.69	107	342786	50.684	ng		99
37) 2-Methylnaphthalene	8.83	142	722277	50.214	ng		100
38) 1-Methylnaphthalene	8.93	142	680525	50.010	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	326235	48.648	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	160777	55.373 ng	100
43) 2,4,6-Trichlorophenol	9.12	196	214992	46.577 ng	98
44) 2,4,5-Trichlorophenol	9.16	196	233463	48.929 ng	97
46) 1,1'-Biphenyl	9.30	154	895358	50.558 ng	100
47) 2-Chloronaphthalene	9.33	162	698915	47.418 ng	99
48) 2-Nitroaniline	9.42	65	231065	47.428 ng	91
49) Acenaphthylene	9.74	152	1082707	50.350 ng	100
50) Dimethylphthalate	9.60	163	842936	49.353 ng	100
51) 2,6-Dinitrotoluene	9.66	165	189226	50.981 ng	91
52) Acenaphthene	9.91	154	647844	49.108 ng	99
53) 3-Nitroaniline	9.83	138	80166	17.480 ng	95
54) 2,4-Dinitrophenol	9.95	184	72443	42.439 ng	96
55) Dibenzofuran	10.09	168	967707	50.442 ng	99
56) 4-Nitrophenol	10.01	139	251855	85.724 ng	95
57) 2,4-Dinitrotoluene	10.07	165	248322	50.249 ng	95
58) Fluorene	10.43	166	757603	51.327 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	193607	48.230 ng	99
60) Diethylphthalate	10.30	149	806872	50.600 ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	369915	49.485 ng	99
62) 4-Nitroaniline	10.45	138	205441	43.345 ng	99
63) Azobenzene	10.57	77	839751	51.200 ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	75452	32.493 ng	94
66) n-Nitrosodiphenylamine	10.53	169	686570	52.057 ng	100
67) 4-Bromophenyl-phenylether	10.90	248	231597	49.373 ng	98
68) Hexachlorobenzene	10.98	284	257282	47.433 ng	98
69) Atrazine	11.06	200	219550	50.600 ng	99
70) Pentachlorophenol	11.17	266	198113	75.231 ng	97
71) Phenanthrene	11.39	178	1131691	50.520 ng	100
72) Anthracene	11.45	178	1177555	51.942 ng	99
73) Carbazole	11.60	167	1088499	52.922 ng	99
74) Di-n-butylphthalate	11.92	149	1259005	52.473 ng	100
75) Fluoranthene	12.58	202	1188444	50.676 ng	99
77) Benzidine	12.70	184	262615	25.296 ng	96
78) Pyrene	12.81	202	1207757	52.139 ng	100
80) Butylbenzylphthalate	13.42	149	533918	54.490 ng	98
81) Benzo(a)anthracene	13.99	228	989837	50.396 ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	168184	24.647 ng	99
83) Chrysene	14.03	228	969880	50.863 ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	723243	56.800 ng	100
85) Di-n-octyl phthalate	14.58	149	1142296	56.480 ng	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	1119011	69.871 ng	99
88) Benzo(b)fluoranthene	15.04	252	986598	48.602 ng	98
89) Benzo(k)fluoranthene	15.07	252	933144	47.195 ng	98
90) Benzo(a)pyrene	15.41	252	949629	52.332 ng	99
91) Dibenzo(a,h)anthracene	16.95	278	944348	60.121 ng	99
92) Benzo(g,h,i)perylene	17.38	276	941269	61.018 ng	100

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

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