Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
Data File : BF117245.D
Acq On : 25 Sep 2019 17:31
Operator : JU
Sample : K5021-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Manual Integrations APPROVED
mohammad
9/26/2019 3:53:41 PM

Quant Time: Sep 26 03:38:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	41682	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	168661	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	86509	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	131939	20.00	ng		0.00
76) Chrysene-d12	13.98	240	72251	20.00	ng		0.00
87) Perylene-d12	15.44	264	70300	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	341497	127.91	ng		0.02
7) Phenol-d6	6.47	99	470050	136.23	ng		0.01
23) Nitrobenzene-d5	7.39	82	292500	91.12	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	98196	135.81	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	498259	90.06	ng		0.00
79) Terphenyl-d14	12.92	244	395765	102.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	42360	37.917	ng	#	97
3) Pyridine	3.41	79	102455	33.506	ng		94
4) n-Nitrosodimethylamine	3.35	42	52752	50.271	ng		80
6) Aniline	6.49	93	144330	32.490	ng	#	77
8) 2-Chlorophenol	6.61	128	140613	48.821	ng		99
9) Benzaldehyde	6.37	77	94880	59.678	ng		99
10) Phenol	6.48	94	195282	51.340	ng		92
11) bis(2-Chloroethyl)ether	6.56	93	125788	44.995	ng		97
12) 1,3-Dichlorobenzene	6.76	146	144272	44.639	ng		99
13) 1,4-Dichlorobenzene	6.83	146	147987	44.868	ng		99
14) 1,2-Dichlorobenzene	6.99	146	139084	45.292	ng		97
15) Benzyl Alcohol	6.96	79	131279	49.616	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	122476	44.344	ng		74
17) 2-Methylphenol	7.08	107	116673	48.335	ng	#	86
18) Hexachloroethane	7.32	117	57427	45.259	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	105419	50.176	ng		94
20) 3+4-Methylphenols	7.23	107	155822	51.825	ng	#	75
22) Acetophenone	7.23	105	211527	49.363	ng	#	97
24) Nitrobenzene	7.40	77	155755	49.134	ng		97
25) Isophorone	7.64	82	278895	49.070	ng		100
26) 2-Nitrophenol	7.72	139	71820	52.746	ng		96
27) 2,4-Dimethylphenol	7.76	122	122598	56.778	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	167974	47.969	ng		99
29) 2,4-Dichlorophenol	7.96	162	112818	49.864	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	112945	46.207	ng		98
31) Naphthalene	8.12	128	400793	49.410	ng		98
32) Benzoic acid	7.91	122	50795	33.469	ng		91
33) 4-Chloroaniline	8.17	127	59014	16.403	ng		97
34) Hexachlorobutadiene	8.23	225	64256	46.334	ng		97
35) Caprolactam	8.56	113	35034m	45.748	ng		
36) 4-Chloro-3-methylphenol	8.67	107	134139	50.846	ng		94
37) 2-Methylnaphthalene	8.81	142	278287	50.947	ng		98
38) 1-Methylnaphthalene	8.91	142	252679	49.391	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	108859	48.731	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	72736	74.283 ng		100
43) 2,4,6-Trichlorophenol	9.10	196	72620	47.903 ng		98
44) 2,4,5-Trichlorophenol	9.15	196	76486	47.222 ng		94
46) 1,1'-Biphenyl	9.27	154	330514	48.707 ng		98
47) 2-Chloronaphthalene	9.30	162	255252	47.662 ng		97
48) 2-Nitroaniline	9.40	65	80030	46.590 ng		93
49) Acenaphthylene	9.72	152	398086	49.620 ng		100
50) Dimethylphthalate	9.57	163	361494	59.017 ng		98
51) 2,6-Dinitrotoluene	9.65	165	64317	51.556 ng		99
52) Acenaphthene	9.89	154	231472	48.672 ng		100
53) 3-Nitroaniline	9.81	138	39014	24.787 ng		92
54) 2,4-Dinitrophenol	9.93	184	32671	62.868 ng		99
55) Dibenzofuran	10.06	168	349366	49.790 ng		96
56) 4-Nitrophenol	9.99	139	71348	69.941 ng		92
57) 2,4-Dinitrotoluene	10.05	165	82880	51.181 ng	#	81
58) Fluorene	10.40	166	289487	51.216 ng		97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	57332m	46.255 ng		
60) Diethylphthalate	10.27	149	292098	48.471 ng		97
61) 4-Chlorophenyl-phenylether	10.39	204	126326	51.656 ng		96
62) 4-Nitroaniline	10.43	138	66194	40.439 ng		92
63) Azobenzene	10.55	77	303315	49.281 ng		97
65) 4,6-Dinitro-2-methylphenol	10.47	198	27936	46.689 ng		94
66) n-Nitrosodiphenylamine	10.51	169	244337	53.622 ng		97
67) 4-Bromophenyl-phenylether	10.88	248	70608	52.403 ng		94
68) Hexachlorobenzene	10.96	284	74584	50.608 ng		98
69) Atrazine	11.04	200	62975	61.258 ng		99
70) Pentachlorophenol	11.16	266	64106	92.798 ng		99
71) Phenanthrene	11.36	178	381720	50.936 ng		99
72) Anthracene	11.42	178	393600	51.445 ng		99
73) Carbazole	11.57	167	331019	45.581 ng		99
74) Di-n-butylphthalate	11.89	149	439684	50.886 ng		99
75) Fluoranthene	12.55	202	370847	48.161 ng		99
77) Benzidine	12.67	184	119979	51.551 ng		97
78) Pyrene	12.78	202	357418	58.957 ng		99
80) Butylbenzylphthalate	13.39	149	152409	53.205 ng		94
81) Benzo(a)anthracene	13.97	228	247644	51.302 ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	55849	35.903 ng		98
83) Chrysene	14.01	228	238547	50.668 ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	213622	57.838 ng		98
85) Di-n-octyl phthalate	14.56	149	335974	57.794 ng		100
86) Indeno(1,2,3-cd)pyrene	16.91	276	215602	62.770 ng		98
88) Benzo(b)fluoranthene	15.02	252	210883	49.523 ng		99
89) Benzo(k)fluoranthene	15.05	252	196608	48.740 ng		98
90) Benzo(a)pyrene	15.38	252	197650	52.893 ng		97
91) Dibenzo(a,h)anthracene	16.91	278	181410	60.941 ng		99
92) Benzo(g,h,i)perylene	17.34	276	175265	59.084 ng		96

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

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