Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092419\
Data File : BF117227.D
Acq On : 24 Sep 2019 20:33
Operator : JU
Sample : K5008-07MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Manual Integrations APPROVED
mohammad
9/26/2019 8:24:18 AM

Quant Time: Sep 25 07:19:25 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	27240	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	108625	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	56252	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	92092	20.00	ng		0.00
76) Chrysene-d12	13.97	240	59695	20.00	ng		0.00
87) Perylene-d12	15.43	264	63608	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	257988	147.86	ng		0.00
7) Phenol-d6	6.46	99	364790	161.78	ng		0.00
23) Nitrobenzene-d5	7.38	82	222393	107.57	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	67935	144.50	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	364428	101.30	ng		0.00
79) Terphenyl-d14	12.92	244	327813	102.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	29614	40.562	ng	#	95
3) Pyridine	3.34	79	73199	36.630	ng		97
4) n-Nitrosodimethylamine	3.27	42	34527	50.347	ng	#	84
6) Aniline	6.48	93	88605	30.520	ng	#	66
8) 2-Chlorophenol	6.60	128	94420	50.163	ng		97
9) Benzaldehyde	6.36	77	64700	62.808	ng		96
10) Phenol	6.47	94	130704	52.581	ng		92
11) bis(2-Chloroethyl)ether	6.55	93	87661	47.982	ng		99
12) 1,3-Dichlorobenzene	6.76	146	99337	47.032	ng		99
13) 1,4-Dichlorobenzene	6.83	146	101011	46.863	ng		98
14) 1,2-Dichlorobenzene	6.99	146	94661	47.169	ng		98
15) Benzyl Alcohol	6.96	79	89397	51.700	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	79484	44.036	ng		60
17) 2-Methylphenol	7.07	107	77862	49.358	ng	#	90
18) Hexachloroethane	7.32	117	37697	45.461	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	69406	50.549	ng		94
20) 3+4-Methylphenols	7.23	107	100180	50.984	ng		97
22) Acetophenone	7.22	105	139981	50.721	ng	#	96
24) Nitrobenzene	7.40	77	106683	52.254	ng		98
25) Isophorone	7.63	82	186738	51.015	ng		98
26) 2-Nitrophenol	7.72	139	46807	53.375	ng		98
27) 2,4-Dimethylphenol	7.76	122	80008	57.532	ng		100
28) bis(2-Chloroethoxy)methane	7.85	93	107151	47.512	ng		99
29) 2,4-Dichlorophenol	7.96	162	76094	52.221	ng		95
30) 1,2,4-Trichlorobenzene	8.04	180	76592	48.653	ng		98
31) Naphthalene	8.12	128	269784	51.641	ng		98
32) Benzoic acid	7.89	122	37504	37.404	ng		97
33) 4-Chloroaniline	8.17	127	30052	12.970	ng		98
34) Hexachlorobutadiene	8.23	225	43290	48.468	ng		96
35) Caprolactam	8.54	113	23660m	47.971	ng		
36) 4-Chloro-3-methylphenol	8.66	107	89292	52.554	ng		99
37) 2-Methylnaphthalene	8.81	142	180309	51.254	ng		99
38) 1-Methylnaphthalene	8.91	142	170315	51.692	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	70997	48.877	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	37087	59.942	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	48330	49.028	ng		97
44) 2,4,5-Trichlorophenol	9.14	196	52041	49.412	ng		98
46) 1,1'-Biphenyl	9.27	154	216581	49.084	ng		99
47) 2-Chloronaphthalene	9.30	162	169512	48.678	ng		99
48) 2-Nitroaniline	9.40	65	54436	48.736	ng		99
49) Acenaphthylene	9.71	152	267075	51.196	ng		99
50) Dimethylphthalate	9.57	163	244752	61.450	ng		99
51) 2,6-Dinitrotoluene	9.64	165	42571	52.480	ng		98
52) Acenaphthene	9.89	154	156947	50.753	ng		97
53) 3-Nitroaniline	9.80	138	21453	20.961	ng	#	98
54) 2,4-Dinitrophenol	9.93	184	12034	39.586	ng		98
55) Dibenzofuran	10.06	168	235186	51.546	ng		99
56) 4-Nitrophenol	9.99	139	58346	87.959	ng		93
57) 2,4-Dinitrotoluene	10.05	165	56141	53.317	ng	#	92
58) Fluorene	10.40	166	191785	52.182	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	36392m	45.154	ng		
60) Diethylphthalate	10.27	149	198557	50.672	ng		100
61) 4-Chlorophenyl-phenylether	10.39	204	83496	52.507	ng		96
62) 4-Nitroaniline	10.42	138	42318	39.759	ng	#	82
63) Azobenzene	10.55	77	205003	51.224	ng		95
65) 4,6-Dinitro-2-methylphenol	10.46	198	11408	30.180	ng	#	73
66) n-Nitrosodiphenylamine	10.51	169	165981	52.187	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	46649	49.601	ng		92
68) Hexachlorobenzene	10.95	284	48901	47.539	ng		94
69) Atrazine	11.03	200	45599	65.060	ng		99
70) Pentachlorophenol	11.15	266	45346	94.044	ng		100
71) Phenanthrene	11.36	178	266924	51.029	ng		99
72) Anthracene	11.42	178	281688	52.748	ng		99
73) Carbazole	11.57	167	253387	49.988	ng		98
74) Di-n-butylphthalate	11.89	149	314939	52.220	ng		99
75) Fluoranthene	12.55	202	259104	48.209	ng		97
77) Benzidine	12.67	184	117292	60.996	ng		99
78) Pyrene	12.77	202	257282	51.365	ng		99
80) Butylbenzylphthalate	13.39	149	122269	51.661	ng		99
81) Benzo(a)anthracene	13.96	228	198962	49.886	ng		98
82) 3,3'-Dichlorobenzidine	13.92	252	59938	46.637	ng		95
83) Chrysene	14.00	228	187506	48.204	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	167673	54.946	ng		95
85) Di-n-octyl phthalate	14.55	149	265408	55.259	ng		99
86) Indeno(1,2,3-cd)pyrene	16.88	276	193206	68.080	ng		98
88) Benzo(b)fluoranthene	15.01	252	179981	46.712	ng		98
89) Benzo(k)fluoranthene	15.04	252	173004	47.401	ng		98
90) Benzo(a)pyrene	15.37	252	172400	50.990	ng		96
91) Dibenzo(a,h)anthracene	16.89	278	164941	61.238	ng		97
92) Benzo(g,h,i)perylene	17.32	276	147365	54.905	ng		96

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

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