Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
Data File : BF117121.D
Acq On : 17 Sep 2019 21:44
Operator : HP/JU
Sample : K4661-06MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 18 05:04:34 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

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MSD

Manual Integrations APPROVED

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9/19/2019 4:45:21 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	62741	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	240454	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	126206	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	209556	20.00	ng	0.00
76) Chrysene-d12	13.97	240	150089	20.00	ng	0.00
87) Perylene-d12	15.41	264	131528	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	501143	124.70	ng	0.02
7) Phenol-d6	6.47	99	626633	120.66	ng	0.01
23) Nitrobenzene-d5	7.39	82	463621	101.31	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	164286	155.75	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	820021	101.59	ng	0.00
79) Terphenyl-d14	12.92	244	834408	103.92	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.69	88	64254	38.210	ng	# 87
3) Pyridine	3.43	79	99578	21.635	ng	98
4) n-Nitrosodimethylamine	3.34	42	68181	43.165	ng	# 100
6) Aniline	6.49	93	75767	11.331	ng	# 82
8) 2-Chlorophenol	6.62	128	200369	46.218	ng	99
9) Benzaldehyde	6.37	77	48720	12.219	ng	97
10) Phenol	6.48	94	218628	38.185	ng	92
11) bis(2-Chloroethyl)ether	6.56	93	191554	45.522	ng	97
12) 1,3-Dichlorobenzene	6.77	146	193389	39.753	ng	96
13) 1,4-Dichlorobenzene	6.84	146	202682	40.825	ng	99
14) 1,2-Dichlorobenzene	7.00	146	187619	40.590	ng	99
15) Benzyl Alcohol	6.97	79	187467	47.071	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	175873	42.304	ng	85
17) 2-Methylphenol	7.09	107	159430	43.879	ng	91
18) Hexachloroethane	7.33	117	75306	39.429	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	147927	46.776	ng	98
20) 3+4-Methylphenols	7.24	107	205668	45.444	ng	# 83
22) Acetophenone	7.23	105	304352	49.819	ng	97
24) Nitrobenzene	7.40	77	223122	49.370	ng	99
25) Isophorone	7.65	82	407957	50.347	ng	98
26) 2-Nitrophenol	7.72	139	104404	53.783	ng	97
27) 2,4-Dimethylphenol	7.76	122	176659	57.387	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	248239	49.725	ng	99
29) 2,4-Dichlorophenol	7.97	162	171674	53.223	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	163655	46.962	ng	99
31) Naphthalene	8.13	128	577692	49.955	ng	98
32) Benzoic acid	7.89	122	67538	31.658	ng	95
33) 4-Chloroaniline	8.18	127	29152	5.684	ng	95
34) Hexachlorobutadiene	8.25	225	90311	45.678	ng	99
35) Caprolactam	8.55	113	43399m	39.751	ng	
36) 4-Chloro-3-methylphenol	8.66	107	198860	52.873	ng	98
37) 2-Methylnaphthalene	8.82	142	404407	51.931	ng	98
38) 1-Methylnaphthalene	8.92	142	372621	51.090	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	158505	48.636	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	130183	89.353	ng		98
43) 2,4,6-Trichlorophenol	9.10	196	111071	50.221	ng		97
44) 2,4,5-Trichlorophenol	9.15	196	122265	51.743	ng		94
46) 1,1'-Biphenyl	9.27	154	480446	48.532	ng		100
47) 2-Chloronaphthalene	9.30	162	380776	48.737	ng		99
48) 2-Nitroaniline	9.40	65	125830	50.212	ng		93
49) Acenaphthylene	9.72	152	603037	51.523	ng		99
50) Dimethylphthalate	9.57	163	468820	52.464	ng		99
51) 2,6-Dinitrotoluene	9.64	165	100574	55.261	ng		92
52) Acenaphthene	9.89	154	344796	49.696	ng		99
53) 3-Nitroaniline	9.81	138	42155	18.358	ng		98
54) 2,4-Dinitrophenol	9.92	184	70119	88.169	ng		94
55) Dibenzofuran	10.06	168	526236	51.407	ng		99
56) 4-Nitrophenol	9.99	139	133208	89.507	ng		94
57) 2,4-Dinitrotoluene	10.05	165	136842	57.924	ng		96
58) Fluorene	10.40	166	436218	52.901	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.18	232	95724	52.938	ng		99
60) Diethylphthalate	10.27	149	463605	52.734	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	188115	52.727	ng		98
62) 4-Nitroaniline	10.43	138	113548	47.549	ng		97
63) Azobenzene	10.55	77	465722	51.868	ng		97
65) 4,6-Dinitro-2-methylphenol	10.46	198	50870	52.518	ng		90
66) n-Nitrosodiphenylamine	10.51	169	380318	52.550	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	112388	52.516	ng		95
68) Hexachlorobenzene	10.95	284	116737	49.872	ng	#	92
69) Atrazine	11.03	200	91042	53.050	ng		98
70) Pentachlorophenol	11.15	266	120498	109.823	ng		96
71) Phenanthrene	11.36	178	618916	51.998	ng		99
72) Anthracene	11.42	178	647323	53.270	ng		99
73) Carbazole	11.57	167	605733	52.515	ng		99
74) Di-n-butylphthalate	11.89	149	735700	53.609	ng		98
75) Fluoranthene	12.55	202	638446	52.203	ng		99
77) Benzidine	12.67	184	6921	1.432	ng	#	78
78) Pyrene	12.77	202	651352	51.721	ng		99
80) Butylbenzylphthalate	13.38	149	317522	53.359	ng		99
81) Benzo(a)anthracene	13.96	228	498608	49.723	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	83244	25.761	ng		97
83) Chrysene	14.00	228	505465	51.683	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	429947	56.037	ng		98
85) Di-n-octyl phthalate	14.54	149	706195	58.479	ng		99
86) Indeno(1,2,3-cd)pyrene	16.86	276	409602	57.405	ng		98
88) Benzo(b)fluoranthene	15.00	252	413776	51.935	ng		99
89) Benzo(k)fluoranthene	15.03	252	409832	54.304	ng		98
90) Benzo(a)pyrene	15.36	252	387779	55.466	ng		98
91) Dibenzo(a,h)anthracene	16.86	278	344530	61.860	ng		99
92) Benzo(g,h,i)perylene	17.29	276	341899	61.604	ng		98

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

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