Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117056.D
Acq On : 16 Sep 2019 12:11
Operator : HP/JU
Sample : K4663-06MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

Quant Time: Sep 16 15:08:03 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	60774	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	231297	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	121668	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	204516	20.00	ng	0.00
76) Chrysene-d12	13.97	240	161206	20.00	ng	0.00
87) Perylene-d12	15.42	264	152863	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	471841	121.21	ng	0.02
7) Phenol-d6	6.46	99	587679	116.82	ng	0.00
23) Nitrobenzene-d5	7.39	82	433799	98.54	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	152313	149.79	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	747465	96.06	ng	0.00
79) Terphenyl-d14	12.92	244	795540	92.24	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.68	88	63262	38.838	ng	# 86
3) Pyridine	3.41	79	123202	27.634	ng	98
4) n-Nitrosodimethylamine	3.32	42	70775	46.258	ng	98
6) Aniline	6.49	93	168431	26.004	ng	90
8) 2-Chlorophenol	6.62	128	195172	46.476	ng	97
9) Benzaldehyde	6.37	77	89482	34.239	ng	98
10) Phenol	6.47	94	218054	39.318	ng	97
11) bis(2-Chloroethyl)ether	6.56	93	183955	45.131	ng	97
12) 1,3-Dichlorobenzene	6.77	146	200671	42.585	ng	98
13) 1,4-Dichlorobenzene	6.84	146	205882	42.812	ng	98
14) 1,2-Dichlorobenzene	7.00	146	193374	43.189	ng	97
15) Benzyl Alcohol	6.97	79	181648	47.086	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	176309	43.781	ng	95
17) 2-Methylphenol	7.08	107	159194	45.232	ng	94
18) Hexachloroethane	7.33	117	77769	42.037	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	144239	47.086	ng	94
20) 3+4-Methylphenols	7.23	107	195266	44.542	ng	98
22) Acetophenone	7.23	105	295936	50.359	ng	99
24) Nitrobenzene	7.40	77	222970	51.290	ng	98
25) Isophorone	7.65	82	398294	51.101	ng	100
26) 2-Nitrophenol	7.72	139	100804	53.984	ng	99
27) 2,4-Dimethylphenol	7.76	122	172349	58.203	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	239800	49.936	ng	99
29) 2,4-Dichlorophenol	7.96	162	162330	52.318	ng	100
30) 1,2,4-Trichlorobenzene	8.05	180	160419	47.856	ng	98
31) Naphthalene	8.13	128	568901	51.142	ng	98
32) Benzoic acid	7.87	122	39001	21.641	ng	98
33) 4-Chloroaniline	8.17	127	93537	18.958	ng	98
34) Hexachlorobutadiene	8.25	225	90355	47.510	ng	97
35) Caprolactam	8.54	113	41892m	39.889	ng	
36) 4-Chloro-3-methylphenol	8.66	107	193635	53.522	ng	96
37) 2-Methylnaphthalene	8.82	142	388541	51.869	ng	99
38) 1-Methylnaphthalene	8.91	142	364415	51.943	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	152710	48.606	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	142143	100.161	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	106636	50.014	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	117489	51.576	ng	95
46) 1,1'-Biphenyl	9.27	154	466739	48.906	ng	99
47) 2-Chloronaphthalene	9.30	162	366358	48.640	ng	98
48) 2-Nitroaniline	9.40	65	121792	50.413	ng	99
49) Acenaphthylene	9.72	152	579874	51.392	ng	100
50) Dimethylphthalate	9.57	163	434627	50.452	ng	99
51) 2,6-Dinitrotoluene	9.64	165	95524	54.444	ng	96
52) Acenaphthene	9.89	154	332216	49.669	ng	98
53) 3-Nitroaniline	9.80	138	77157	34.854	ng	98
54) 2,4-Dinitrophenol	9.92	184	38799	54.512	ng	93
55) Dibenzofuran	10.06	168	504555	51.128	ng	96
56) 4-Nitrophenol	9.97	139	135064	94.139	ng	97
57) 2,4-Dinitrotoluene	10.05	165	129399	56.817	ng	95
58) Fluorene	10.40	166	411392	51.751	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	93962	53.902	ng	98
60) Diethylphthalate	10.27	149	425400	50.193	ng	97
61) 4-Chlorophenyl-phenylether	10.39	204	175734	51.094	ng	96
62) 4-Nitroaniline	10.42	138	117448	51.017	ng	98
63) Azobenzene	10.55	77	451538	52.164	ng	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	39047	42.779	ng	85
66) n-Nitrosodiphenylamine	10.51	169	361869	51.233	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	104411	49.991	ng	93
68) Hexachlorobenzene	10.95	284	110836	48.518	ng	96
69) Atrazine	11.03	200	101786	65.625	ng	98
70) Pentachlorophenol	11.15	266	112903	105.436	ng	99
71) Phenanthrene	11.36	178	591492	50.919	ng	100
72) Anthracene	11.41	178	615871	51.931	ng	98
73) Carbazole	11.56	167	587907	52.226	ng	99
74) Di-n-butylphthalate	11.89	149	694357	51.843	ng	98
75) Fluoranthene	12.54	202	629529	52.743	ng	98
77) Benzidine	12.66	184	231719	44.623	ng	99
78) Pyrene	12.77	202	628800	46.487	ng	100
80) Butylbenzylphthalate	13.38	149	305184	47.749	ng	97
81) Benzo(a)anthracene	13.96	228	526151	48.852	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	104604	30.139	ng	96
83) Chrysene	14.00	228	528762	50.336	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	416408	50.530	ng	98
85) Di-n-octyl phthalate	14.56	149	713591	55.016	ng	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	415837	54.260	ng	99
88) Benzo(b)fluoranthene	15.00	252	470612	50.825	ng	98
89) Benzo(k)fluoranthene	15.03	252	434999	49.594	ng	98
90) Benzo(a)pyrene	15.36	252	424129	52.198	ng	98
91) Dibenzo(a,h)anthracene	16.87	278	347632	53.706	ng	99
92) Benzo(g,h,i)perylene	17.29	276	345643	53.586	ng	97

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

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