Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
Data File : BF117102.D
Acq On : 17 Sep 2019 13:17
Operator : HP/JU
Sample : K4887-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z2-0157MSD

Quant Time: Sep 17 17:53:31 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	62153	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	245469	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	127934	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	208693	20.00	ng		0.00
76) Chrysene-d12	13.97	240	139868	20.00	ng		0.00
87) Perylene-d12	15.42	264	129641	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	226508	56.90	ng		0.00
7) Phenol-d6	6.46	99	190690	37.06	ng		0.00
23) Nitrobenzene-d5	7.39	82	450429	96.41	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	160328	149.95	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	789816	96.53	ng		0.00
79) Terphenyl-d14	12.92	244	762285	101.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	25958	15.583	ng	#	91
3) Pyridine	3.34	79	50364	11.046	ng		95
4) n-Nitrosodimethylamine	3.25	42	24262	15.506	ng	#	86
6) Aniline	6.49	93	161133	24.325	ng		98
8) 2-Chlorophenol	6.62	128	164797	38.372	ng		96
9) Benzaldehyde	6.37	77	167465	72.910	ng	#	86
10) Phenol	6.47	94	92299	16.273	ng		97
11) bis(2-Chloroethyl)ether	6.56	93	188064	45.115	ng		98
12) 1,3-Dichlorobenzene	6.77	146	184091	38.199	ng		96
13) 1,4-Dichlorobenzene	6.84	146	188157	38.258	ng		99
14) 1,2-Dichlorobenzene	7.00	146	182728	39.906	ng		98
15) Benzyl Alcohol	6.97	79	116049	29.414	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	178837	43.424	ng		88
17) 2-Methylphenol	7.09	107	111244	30.907	ng		93
18) Hexachloroethane	7.33	117	76901	40.645	ng		97
19) n-Nitroso-di-n-propylamine	7.24	70	153536	49.009	ng		98
20) 3+4-Methylphenols	7.23	107	123732	27.598	ng	#	46
22) Acetophenone	7.23	105	328714	52.707	ng		96
24) Nitrobenzene	7.41	77	226514	49.097	ng		94
25) Isophorone	7.65	82	416995	50.411	ng		100
26) 2-Nitrophenol	7.72	139	107898	54.447	ng		93
27) 2,4-Dimethylphenol	7.76	122	158383	50.399	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	245871	48.244	ng		99
29) 2,4-Dichlorophenol	7.97	162	160279	48.675	ng		96
30) 1,2,4-Trichlorobenzene	8.05	180	148916	41.860	ng		96
31) Naphthalene	8.13	128	623275	52.795	ng		100
32) Benzoic acid	7.86	122	23424	15.109	ng		94
33) 4-Chloroaniline	8.17	127	170604	32.582	ng		98
34) Hexachlorobutadiene	8.25	225	81136	40.199	ng		97
35) Caprolactam	8.55	113	8641	7.753	ng		91
36) 4-Chloro-3-methylphenol	8.66	107	175247	45.643	ng		99
37) 2-Methylnaphthalene	8.82	142	406950	51.190	ng		99
38) 1-Methylnaphthalene	8.92	142	387118	51.993	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	151531	45.868	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	112968	77.620 ng	100
43) 2,4,6-Trichlorophenol	9.10	196	108122	48.227 ng	98
44) 2,4,5-Trichlorophenol	9.14	196	120158	50.164 ng	97
46) 1,1'-Biphenyl	9.28	154	474971	47.331 ng	98
47) 2-Chloronaphthalene	9.30	162	370438	46.773 ng	100
48) 2-Nitroaniline	9.40	65	127992	50.385 ng	94
49) Acenaphthylene	9.72	152	587433	49.512 ng	99
50) Dimethylphthalate	9.57	163	457776	50.536 ng	100
51) 2,6-Dinitrotoluene	9.64	165	99705	54.044 ng	89
52) Acenaphthene	9.89	154	341781	48.596 ng	99
53) 3-Nitroaniline	9.81	138	75216	32.313 ng	99
54) 2,4-Dinitrophenol	9.93	184	75075	92.611 ng	93
55) Dibenzofuran	10.06	168	518502	49.968 ng	98
56) 4-Nitrophenol	9.98	139	41832	27.729 ng	96
57) 2,4-Dinitrotoluene	10.05	165	134806	56.292 ng	96
58) Fluorene	10.40	166	428394	51.251 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	94326	51.460 ng	98
60) Diethylphthalate	10.27	149	454459	50.995 ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	181294	50.129 ng	97
62) 4-Nitroaniline	10.42	138	111388	46.015 ng	92
63) Azobenzene	10.55	77	462139	50.774 ng	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	54592	56.058 ng	83
66) n-Nitrosodiphenylamine	10.51	169	372020	51.616 ng	99
67) 4-Bromophenyl-phenylether	10.88	248	106396	49.922 ng	98
68) Hexachlorobenzene	10.96	284	110009	47.192 ng	97
69) Atrazine	11.04	200	99791	61.437 ng	99
70) Pentachlorophenol	11.15	266	112501	102.958 ng	99
71) Phenanthrene	11.36	178	608817	51.361 ng	99
72) Anthracene	11.42	178	637315	52.663 ng	98
73) Carbazole	11.57	167	594657	51.768 ng	99
74) Di-n-butylphthalate	11.89	149	709719	51.929 ng	99
75) Fluoranthene	12.55	202	615987	50.575 ng	97
77) Benzidine	12.67	184	196636	43.643 ng	99
78) Pyrene	12.77	202	627276	53.449 ng	100
80) Butylbenzylphthalate	13.39	149	289225	52.155 ng	96
81) Benzo(a)anthracene	13.96	228	465010	49.762 ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	126127	41.885 ng	96
83) Chrysene	14.00	228	463175	50.819 ng	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	394733	55.207 ng	98
85) Di-n-octyl phthalate	14.55	149	605311	53.788 ng	99
86) Indeno(1,2,3-cd)pyrene	16.87	276	408653	61.458 ng	98
88) Benzo(b)fluoranthene	15.00	252	371349	47.289 ng	98
89) Benzo(k)fluoranthene	15.03	252	381486	51.283 ng	98
90) Benzo(a)pyrene	15.36	252	359301	52.141 ng	98
91) Dibenzo(a,h)anthracene	16.88	278	343066	62.494 ng	98
92) Benzo(g,h,i)perylene	17.30	276	337609	61.716 ng	98

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

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