Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
Data File : BF121651.D
Acq On : 22 Sep 2020 20:53
Operator : JU/CG
Sample : L4104-09MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

Manual Integrations APPROVED
mohammad
9/23/2020 10:43:26 AM

Quant Time: Sep 23 01:32:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 17:53:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	148341	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	589687	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	315303	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	596937	20.00	ng		0.00
76) Chrysene-d12	13.98	240	441896	20.00	ng		0.00
86) Perylene-d12	15.43	264	358682	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	830467	83.20	ng		0.01
7) Phenol-d6	6.45	99	1106199	84.47	ng		0.00
23) Nitrobenzene-d5	7.37	82	751433	68.42	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	368242	93.97	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1340928	64.41	ng		0.00
79) Terphenyl-d14	12.92	244	1413582	64.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	162479	35.431	ng		99
3) Pyridine	3.38	79	459406	36.238	ng		98
4) n-Nitrosodimethylamine	3.33	42	225031	38.268	ng		100
6) Aniline	6.47	93	318298	18.663	ng		95
8) 2-Chlorophenol	6.60	128	426782	41.994	ng		99
9) Benzaldehyde	6.36	77	156113	18.236	ng		97
10) Phenol	6.46	94	547436	39.257	ng		86
11) bis(2-Chloroethyl)ether	6.55	93	418938	39.860	ng		99
12) 1,3-Dichlorobenzene	6.75	146	444410	39.178	ng		99
13) 1,4-Dichlorobenzene	6.83	146	450355	39.540	ng		98
14) 1,2-Dichlorobenzene	6.98	146	427091	40.705	ng		99
15) Benzyl Alcohol	6.96	79	375249	42.159	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	632903	37.421	ng		97
17) 2-Methylphenol	7.07	107	355941	41.163	ng		98
18) Hexachloroethane	7.32	117	165041	40.469	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	298115	39.500	ng		98
20) 3+4-Methylphenols	7.23	107	422854	40.700	ng	#	83
22) Acetophenone	7.22	105	559030	37.365	ng		99
24) Nitrobenzene	7.39	77	461395	38.843	ng		99
25) Isophorone	7.63	82	830678	37.573	ng		99
26) 2-Nitrophenol	7.71	139	223678	40.426	ng		97
27) 2,4-Dimethylphenol	7.75	122	380614	38.567	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	525860	38.421	ng		99
29) 2,4-Dichlorophenol	7.96	162	358087	39.838	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	367412	38.811	ng		99
31) Naphthalene	8.12	128	1197240	38.461	ng		100
32) Benzoic acid	7.90	122	254963	36.559	ng		97
33) 4-Chloroaniline	8.16	127	187313	13.882	ng		99
34) Hexachlorobutadiene	8.23	225	223012	40.135	ng		98
35) Caprolactam	8.55	113	121127m	40.466	ng		
36) 4-Chloro-3-methylphenol	8.66	107	401503	41.465	ng		97
37) 2-Methylnaphthalene	8.81	142	794847	38.963	ng		99
38) 1-Methylnaphthalene	8.91	142	745907	39.288	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	373515	37.924	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	355270	63.164	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	265192	39.503	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	280106	39.468	ng	94
46) 1,1'-Biphenyl	9.27	154	961864	38.106	ng	100
47) 2-Chloronaphthalene	9.30	162	748367	37.623	ng	99
48) 2-Nitroaniline	9.40	65	257901	41.723	ng	98
49) Acenaphthylene	9.72	152	1191926	39.000	ng	100
50) Dimethylphthalate	9.58	163	1049669	45.932	ng	100
51) 2,6-Dinitrotoluene	9.64	165	206371	42.403	ng	99
52) Acenaphthene	9.89	154	708457	36.701	ng	100
53) 3-Nitroaniline	9.81	138	114813	20.364	ng	92
54) 2,4-Dinitrophenol	9.92	184	217196	77.672	ng	96
55) Dibenzofuran	10.06	168	1050445	38.641	ng	97
56) 4-Nitrophenol	9.99	139	339842	75.583	ng	91
57) 2,4-Dinitrotoluene	10.05	165	277050	45.249	ng	93
58) Fluorene	10.40	166	825589	39.713	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	235494	40.816	ng	98
60) Diethylphthalate	10.28	149	895535	40.193	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	394937	39.658	ng	100
62) 4-Nitroaniline	10.43	138	204004	36.443	ng	99
63) Azobenzene	10.55	77	896875	37.799	ng	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	153297	42.728	ng	99
66) n-Nitrosodiphenylamine	10.52	169	778437	38.010	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	266212	39.170	ng	95
68) Hexachlorobenzene	10.95	284	301428	39.300	ng	98
69) Atrazine	11.04	200	191309	37.600	ng	98
70) Pentachlorophenol	11.15	266	321279	76.273	ng	98
71) Phenanthrene	11.36	178	1287525	39.587	ng	99
72) Anthracene	11.42	178	1281891	38.194	ng	100
73) Carbazole	11.57	167	1160749	38.325	ng	99
74) Di-n-butylphthalate	11.90	149	1339232	38.311	ng	99
75) Fluoranthene	12.55	202	1399024	40.296	ng	98
77) Benzidine	12.67	184	587233	40.085	ng	100
78) Pyrene	12.78	202	1395819	43.233	ng	100
80) Butylbenzylphthalate	13.40	149	553708	42.405	ng	99
81) Benzo(a)anthracene	13.97	228	1150503	41.153	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	195042	17.870	ng	99
83) Chrysene	14.00	228	1111675	39.268	ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	704082	40.363	ng	100
85) Di-n-octyl phthalate	14.57	149	1171021	38.039	ng	99
87) Indeno(1,2,3-cd)pyrene	16.87	276	1009694	43.226	ng	99
88) Benzo(b)fluoranthene	15.01	252	1011008	42.163	ng	99
89) Benzo(k)fluoranthene	15.04	252	941581	42.881	ng	99
90) Benzo(a)pyrene	15.37	252	871144	42.740	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	798137	41.047	ng	99
92) Benzo(g,h,i)perylene	17.31	276	864043	45.206	ng	99

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

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