Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121635.D
Acq On : 21 Sep 2020 19:38
Operator : JU/CG
Sample : L4048-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1MS

Manual Integrations APPROVED
mohammad
9/22/2020 10:09:03 AM

Quant Time: Sep 22 01:47:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 21 14:19:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	128327	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	503188	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	259109	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	468124	20.00	ng		0.00
76) Chrysene-d12	14.00	240	306846	20.00	ng		0.00
86) Perylene-d12	15.46	264	317429	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	821201	95.10	ng		0.01
7) Phenol-d6	6.46	99	1066328	94.13	ng		0.00
23) Nitrobenzene-d5	7.38	82	728737	77.76	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	321341	99.78	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	1271684	74.33	ng		0.00
79) Terphenyl-d14	12.94	244	1181476	78.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	150146	37.848	ng		98
3) Pyridine	3.35	79	414977	37.839	ng		100
4) n-Nitrosodimethylamine	3.30	42	203180	39.941	ng		98
6) Aniline	6.48	93	253287	17.167	ng		93
8) 2-Chlorophenol	6.60	128	377230	42.908	ng		98
9) Benzaldehyde	6.36	77	151069	20.399	ng		96
10) Phenol	6.47	94	481905	39.947	ng		85
11) bis(2-Chloroethyl)ether	6.55	93	372904	41.014	ng		100
12) 1,3-Dichlorobenzene	6.76	146	403030	41.071	ng		98
13) 1,4-Dichlorobenzene	6.83	146	408510	41.460	ng		98
14) 1,2-Dichlorobenzene	6.99	146	387652	42.708	ng		99
15) Benzyl Alcohol	6.96	79	334972	43.503	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	574571	39.271	ng		98
17) 2-Methylphenol	7.08	107	312536	41.780	ng		99
18) Hexachloroethane	7.33	117	151888	43.052	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	263969	40.430	ng		98
20) 3+4-Methylphenols	7.23	107	377119	41.959	ng	#	83
22) Acetophenone	7.23	105	505921	39.628	ng		98
24) Nitrobenzene	7.40	77	410190	40.468	ng		99
25) Isophorone	7.65	82	719724	38.150	ng		97
26) 2-Nitrophenol	7.72	139	196102	41.464	ng		95
27) 2,4-Dimethylphenol	7.76	122	328754	39.039	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	454414	38.908	ng		99
29) 2,4-Dichlorophenol	7.96	162	310962	40.542	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	325141	40.250	ng		98
31) Naphthalene	8.13	128	1093704	41.175	ng		100
32) Benzoic acid	7.86	122	70217	16.496	ng		89
33) 4-Chloroaniline	8.17	127	188040	16.331	ng		98
34) Hexachlorobutadiene	8.24	225	193852	40.884	ng		99
35) Caprolactam	8.55	113	93500m	36.606	ng		
36) 4-Chloro-3-methylphenol	8.67	107	331344	40.102	ng		100
37) 2-Methylnaphthalene	8.82	142	771521	44.321	ng		98
38) 1-Methylnaphthalene	8.92	142	666085	41.114	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	325129	40.170	ng		100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	246649	53.363	ng		97
43) 2,4,6-Trichlorophenol	9.10	196	219279	39.748	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	227969	39.088	ng		98
46) 1,1'-Biphenyl	9.29	154	833143	40.164	ng		98
47) 2-Chloronaphthalene	9.31	162	634563	38.820	ng		98
48) 2-Nitroaniline	9.40	65	220385	43.386	ng		92
49) Acenaphthylene	9.73	152	997740	39.726	ng		99
50) Dimethylphthalate	9.59	163	837010	44.570	ng		100
51) 2,6-Dinitrotoluene	9.65	165	169132	42.289	ng		95
52) Acenaphthene	9.90	154	593053	37.385	ng		99
53) 3-Nitroaniline	9.82	138	120177	25.939	ng		97
54) 2,4-Dinitrophenol	9.93	184	69973	35.951	ng		93
55) Dibenzofuran	10.07	168	889162	39.802	ng		99
56) 4-Nitrophenol	9.99	139	262087	70.931	ng		95
57) 2,4-Dinitrotoluene	10.05	165	222141	44.149	ng		96
58) Fluorene	10.42	166	681699	39.903	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	179925m	37.948	ng		
60) Diethylphthalate	10.29	149	731591	39.956	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	329277	40.236	ng		99
62) 4-Nitroaniline	10.43	138	162374	35.297	ng		97
63) Azobenzene	10.56	77	746731	38.297	ng		97
65) 4,6-Dinitro-2-methylphenol	10.46	198	74369	29.046	ng		90
66) n-Nitrosodiphenylamine	10.52	169	641847	39.965	ng		98
67) 4-Bromophenyl-phenylether	10.89	248	216418	40.605	ng		93
68) Hexachlorobenzene	10.96	284	241523	40.155	ng		98
69) Atrazine	11.05	200	152130	38.127	ng		98
70) Pentachlorophenol	11.16	266	193842	58.682	ng		99
71) Phenanthrene	11.37	178	1097521	43.031	ng		100
72) Anthracene	11.43	178	1047390	39.794	ng		100
73) Carbazole	11.59	167	918639	38.677	ng		99
74) Di-n-butylphthalate	11.92	149	1091521	39.817	ng		100
75) Fluoranthene	12.57	202	1176276	43.203	ng		99
77) Benzidine	12.69	184	218577	21.487	ng	#	92
78) Pyrene	12.80	202	1144210	51.037	ng		100
80) Butylbenzylphthalate	13.42	149	408217	45.022	ng		96
81) Benzo(a)anthracene	13.99	228	863023	44.457	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	147643	19.481	ng		99
83) Chrysene	14.02	228	845253	42.998	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	511103	42.195	ng		100
85) Di-n-octyl phthalate	14.59	149	824327	38.562	ng		99
87) Indeno(1,2,3-cd)pyrene	16.92	276	1033132	49.977	ng		100
88) Benzo(b)fluoranthene	15.03	252	889985	41.940	ng		99
89) Benzo(k)fluoranthene	15.06	252	817067	42.046	ng		99
90) Benzo(a)pyrene	15.40	252	797257	44.198	ng		100
91) Dibenzo(a,h)anthracene	16.93	278	820744	47.696	ng		98
92) Benzo(g,h,i)perylene	17.36	276	894624	52.889	ng		98

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

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