Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120075.D
Acq On : 20 Apr 2020 14:02
Operator : MA/SJ
Sample : PB128301BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB128301BS

Manual Integrations APPROVED
mohammad
4/21/2020 2:54:35 PM

Quant Time: Apr 20 14:38:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 14:10:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	121925	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	474218	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	252222	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	469788	20.00	ng		0.00
76) Chrysene-d12	13.89	240	293552	20.00	ng		0.00
87) Perylene-d12	15.32	264	353993	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	980268	138.94	ng		0.01
7) Phenol-d6	6.36	99	1277255	140.50	ng		0.00
23) Nitrobenzene-d5	7.28	82	785595	85.70	ng		-0.01
42) 2,4,6-Tribromophenol	10.56	330	340192	110.16	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	1570865	88.43	ng		0.00
79) Terphenyl-d14	12.84	244	1515730	86.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	125081	39.805	ng		99
3) Pyridine	3.10	79	353958	41.055	ng		99
4) n-Nitrosodimethylamine	3.05	42	203648	46.231	ng		98
6) Aniline	6.37	93	309441	25.934	ng	#	44
8) 2-Chlorophenol	6.50	128	401299	50.908	ng		99
9) Benzaldehyde	6.26	77	167404	31.161	ng		98
10) Phenol	6.37	94	498131	48.299	ng		95
11) bis(2-Chloroethyl)ether	6.45	93	374073	46.975	ng		97
12) 1,3-Dichlorobenzene	6.65	146	402682	46.660	ng		97
13) 1,4-Dichlorobenzene	6.73	146	407297	46.330	ng		97
14) 1,2-Dichlorobenzene	6.89	146	386391	47.692	ng		96
15) Benzyl Alcohol	6.86	79	337183	47.754	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	677829	43.742	ng		97
17) 2-Methylphenol	6.98	107	325372	46.252	ng		97
18) Hexachloroethane	7.23	117	152173	46.317	ng		93
19) n-Nitroso-di-n-propylamine	7.13	70	277036	47.390	ng		97
20) 3+4-Methylphenols	7.13	107	413095	48.013	ng	#	89
22) Acetophenone	7.13	105	538152	48.462	ng	#	97
24) Nitrobenzene	7.30	77	421621	45.723	ng		99
25) Isophorone	7.54	82	768021	43.464	ng		98
26) 2-Nitrophenol	7.62	139	216968	47.096	ng		99
27) 2,4-Dimethylphenol	7.66	122	340973	49.074	ng		100
28) bis(2-Chloroethoxy)methane	7.76	93	485379	46.680	ng		99
29) 2,4-Dichlorophenol	7.86	162	333006	46.758	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	357324	44.279	ng		99
31) Naphthalene	8.02	128	1156754	46.363	ng		100
32) Benzoic acid	7.80	122	249033	40.811	ng		96
33) 4-Chloroaniline	8.07	127	128622	11.842	ng		98
34) Hexachlorobutadiene	8.14	225	204453	42.324	ng		99
35) Caprolactam	8.45	113	98954m	45.421	ng		
36) 4-Chloro-3-methylphenol	8.57	107	364515	47.274	ng		98
37) 2-Methylnaphthalene	8.72	142	783526	46.320	ng		98
38) 1-Methylnaphthalene	8.82	142	744963	46.725	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	349981	43.933	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	375342	82.859	ng	100
43) 2,4,6-Trichlorophenol	9.00	196	244234	44.398	ng	99
44) 2,4,5-Trichlorophenol	9.05	196	256422	41.386	ng	94
46) 1,1'-Biphenyl	9.19	154	953014	44.766	ng	99
47) 2-Chloronaphthalene	9.21	162	727602	44.366	ng	100
48) 2-Nitroaniline	9.30	65	250444	42.140	ng	98
49) Acenaphthylene	9.62	152	1148734	46.058	ng	100
50) Dimethylphthalate	9.49	163	853847	43.767	ng	99
51) 2,6-Dinitrotoluene	9.55	165	187748	43.947	ng	90
52) Acenaphthene	9.80	154	691446	41.560	ng	100
53) 3-Nitroaniline	9.72	138	90064	18.459	ng	97
54) 2,4-Dinitrophenol	9.83	184	213491	83.469	ng	99
55) Dibenzofuran	9.97	168	1050325	46.005	ng	99
56) 4-Nitrophenol	9.90	139	305534	84.161	ng	92
57) 2,4-Dinitrotoluene	9.96	165	245578	43.630	ng	94
58) Fluorene	10.31	166	814306	44.598	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	212421	44.827	ng	99
60) Diethylphthalate	10.19	149	876233	43.335	ng	98
61) 4-Chlorophenyl-phenylether	10.30	204	396877	42.409	ng	98
62) 4-Nitroaniline	10.34	138	195673	42.081	ng	96
63) Azobenzene	10.46	77	823709	45.457	ng	98
65) 4,6-Dinitro-2-methylphenol	10.37	198	140620	45.435	ng	89
66) n-Nitrosodiphenylamine	10.43	169	720574	46.120	ng	98
67) 4-Bromophenyl-phenylether	10.79	248	240564	41.176	ng	96
68) Hexachlorobenzene	10.86	284	255165	43.053	ng	95
69) Atrazine	10.96	200	222139	51.101	ng	99
70) Pentachlorophenol	11.06	266	266895	78.143	ng	98
71) Phenanthrene	11.27	178	1144715	45.784	ng	99
72) Anthracene	11.33	178	1183957	46.354	ng	99
73) Carbazole	11.48	167	1048486	43.408	ng	99
74) Di-n-butylphthalate	11.82	149	1205578	37.968	ng	99
75) Fluoranthene	12.46	202	1041733	38.615	ng	99
77) Benzidine	12.59	184	384095	38.708	ng	95
78) Pyrene	12.69	202	1038899	41.981	ng	99
80) Butylbenzylphthalate	13.32	149	480729	40.034	ng	99
81) Benzo(a)anthracene	13.88	228	875601	45.340	ng	99
82) 3,3'-Dichlorobenzidine	13.84	252	177296	24.605	ng	96
83) Chrysene	13.92	228	875284	44.606	ng	100
84) Bis(2-ethylhexyl)phthalate	13.88	149	690779	42.480	ng	99
85) Di-n-octyl phthalate	14.49	149	1173813	42.395	ng	99
86) Indeno(1,2,3-cd)pyrene	16.70	276	902379	52.170	ng	98
88) Benzo(b)fluoranthene	14.91	252	1006243	39.514	ng	98
89) Benzo(k)fluoranthene	14.94	252	829336	37.745	ng	97
90) Benzo(a)pyrene	15.26	252	966998	45.163	ng	98
91) Dibenzo(a,h)anthracene	16.73	278	742759	39.163	ng	99
92) Benzo(g,h,i)perylene	17.13	276	706903	37.759	ng	99

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

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