Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118503.D
Acq On : 8 Jan 2020 17:11
Operator : JU
Sample : PB125777BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Manual Integrations APPROVED
mohammad
1/9/2020 12:10:43 PM

Quant Time: Jan 09 03:22:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	82217	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	338640	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	210121	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	359238	20.00	ng		0.00
76) Chrysene-d12	14.03	240	228143	20.00	ng		0.00
87) Perylene-d12	15.52	264	157556	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	571532	114.75	ng		0.01
7) Phenol-d6	6.47	99	708844	119.04	ng		0.00
23) Nitrobenzene-d5	7.40	82	458039	71.05	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	263558	106.30	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	989610	67.55	ng		0.00
79) Terphenyl-d14	12.96	244	1195937	83.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	67944	40.919	ng		98
3) Pyridine	3.41	79	161148	36.054	ng		96
4) n-Nitrosodimethylamine	3.36	42	94663	42.265	ng		95
6) Aniline	6.49	93	253084	34.183	ng	#	87
8) 2-Chlorophenol	6.62	128	229097	42.071	ng		96
9) Benzaldehyde	6.38	77	138712	41.844	ng		98
10) Phenol	6.49	94	293654	44.505	ng		94
11) bis(2-Chloroethyl)ether	6.56	93	197661	42.019	ng		99
12) 1,3-Dichlorobenzene	6.77	146	256084	40.228	ng		99
13) 1,4-Dichlorobenzene	6.85	146	265281	40.842	ng		100
14) 1,2-Dichlorobenzene	7.00	146	252676	40.256	ng		98
15) Benzyl Alcohol	6.98	79	204183	42.272	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	202440	38.794	ng		95
17) 2-Methylphenol	7.09	107	189318	42.303	ng		99
18) Hexachloroethane	7.34	117	97004	39.415	ng		90
19) n-Nitroso-di-n-propylamine	7.25	70	154321	40.238	ng		100
20) 3+4-Methylphenols	7.25	107	246426	40.593	ng		90
22) Acetophenone	7.25	105	327695	38.176	ng		97
24) Nitrobenzene	7.42	77	242106	37.770	ng		99
25) Isophorone	7.66	82	416985	40.377	ng		99
26) 2-Nitrophenol	7.73	139	130904	41.362	ng		99
27) 2,4-Dimethylphenol	7.77	122	202582	47.598	ng		96
28) bis(2-Chloroethoxy)methane	7.86	93	262296	38.632	ng		98
29) 2,4-Dichlorophenol	7.98	162	199403	40.126	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	220900	38.272	ng		98
31) Naphthalene	8.14	128	715470	40.391	ng		99
32) Benzoic acid	7.92	122	115220	40.483	ng		98
33) 4-Chloroaniline	8.19	127	164536	22.562	ng		99
34) Hexachlorobutadiene	8.25	225	132681	37.449	ng		99
35) Caprolactam	8.57	113	58640m	39.173	ng		
36) 4-Chloro-3-methylphenol	8.69	107	207998	38.933	ng		99
37) 2-Methylnaphthalene	8.83	142	468393	38.528	ng		98
38) 1-Methylnaphthalene	8.93	142	449084	39.344	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	207572	32.152	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	129475	74.533	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	137153	34.379	ng		98
44) 2,4,5-Trichlorophenol	9.16	196	148750	36.031	ng		98
46) 1,1'-Biphenyl	9.30	154	565271	32.925	ng		98
47) 2-Chloronaphthalene	9.33	162	442900	32.594	ng		97
48) 2-Nitroaniline	9.43	65	126325	32.171	ng		96
49) Acenaphthylene	9.74	152	723548	35.771	ng		99
50) Dimethylphthalate	9.60	163	533359	33.072	ng		99
51) 2,6-Dinitrotoluene	9.67	165	119591	34.435	ng		98
52) Acenaphthene	9.92	154	452999	36.674	ng		98
53) 3-Nitroaniline	9.84	138	100409	24.682	ng		91
54) 2,4-Dinitrophenol	9.96	184	105054	70.001	ng	#	88
55) Dibenzofuran	10.09	168	693625	37.388	ng		98
56) 4-Nitrophenol	10.02	139	152730	77.321	ng		98
57) 2,4-Dinitrotoluene	10.08	165	173176	37.241	ng		98
58) Fluorene	10.43	166	555806	37.272	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	126282	36.171	ng		96
60) Diethylphthalate	10.30	149	563836	34.345	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	271312	36.414	ng		97
62) 4-Nitroaniline	10.46	138	116710	29.300	ng		100
63) Azobenzene	10.58	77	516664	37.034	ng		98
65) 4,6-Dinitro-2-methylphenol	10.50	198	80823	42.560	ng		98
66) n-Nitrosodiphenylamine	10.55	169	486031	41.546	ng		100
67) 4-Bromophenyl-phenylether	10.91	248	168062	39.941	ng		98
68) Hexachlorobenzene	10.99	284	194454	38.699	ng		98
69) Atrazine	11.07	200	158184	45.505	ng		99
70) Pentachlorophenol	11.19	266	133195	80.885	ng		99
71) Phenanthrene	11.40	178	788328	39.174	ng		100
72) Anthracene	11.45	178	828201	41.368	ng		100
73) Carbazole	11.61	167	649793	37.468	ng		99
74) Di-n-butylphthalate	11.93	149	925211	39.989	ng		98
75) Fluoranthene	12.60	202	830253	40.591	ng		98
77) Benzidine	12.72	184	253436	47.418	ng		98
78) Pyrene	12.83	202	808237	43.059	ng		99
80) Butylbenzylphthalate	13.43	149	344330	40.055	ng		100
81) Benzo(a)anthracene	14.02	228	614408	38.475	ng		99
82) 3,3'-Dichlorobenzidine	13.98	252	168350	32.419	ng		98
83) Chrysene	14.06	228	565350	36.433	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	451337	38.669	ng		99
85) Di-n-octyl phthalate	14.61	149	655925	39.179	ng		99
86) Indeno(1,2,3-cd)pyrene	17.02	276	435885	34.890	ng		100
88) Benzo(b)fluoranthene	15.08	252	490217	43.035	ng		99
89) Benzo(k)fluoranthene	15.11	252	495831	45.602	ng		99
90) Benzo(a)pyrene	15.46	252	398208	42.658	ng		97
91) Dibenzo(a,h)anthracene	17.03	278	369025	42.159	ng		100
92) Benzo(g,h,i)perylene	17.47	276	374331	45.135	ng		99

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

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