Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119281.D
Acq On : 9 Mar 2020 11:49
Operator : CG/JU
Sample : PB127309BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127309BS

Manual Integrations APPROVED
mohammad
3/10/2020 2:44:04 PM

Quant Time: Mar 09 16:18:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	121072	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	467965	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	266449	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	495669	20.00	ng		0.00
76) Chrysene-d12	13.89	240	325745	20.00	ng		0.00
87) Perylene-d12	15.31	264	249551	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	925854	127.80	ng		0.02
7) Phenol-d6	6.39	99	1109638	125.94	ng		0.00
23) Nitrobenzene-d5	7.29	82	675079	76.17	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	421643	120.97	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1360818	75.24	ng		0.00
79) Terphenyl-d14	12.83	244	1611080	85.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	126249	39.140	ng		98
3) Pyridine	3.23	79	292997	33.260	ng		99
4) n-Nitrosodimethylamine	3.16	42	122426	45.877	ng		96
6) Aniline	6.39	93	346681	31.888	ng	#	82
8) 2-Chlorophenol	6.52	128	377672	48.305	ng		99
9) Benzaldehyde	6.28	77	158828	26.981	ng		97
10) Phenol	6.40	94	440991	46.293	ng		99
11) bis(2-Chloroethyl)ether	6.47	93	342183	46.946	ng		99
12) 1,3-Dichlorobenzene	6.67	146	409988	43.751	ng		98
13) 1,4-Dichlorobenzene	6.74	146	414136	44.164	ng		99
14) 1,2-Dichlorobenzene	6.90	146	382767	44.757	ng		99
15) Benzyl Alcohol	6.88	79	312536	49.080	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	270716	42.876	ng	#	26
17) 2-Methylphenol	7.00	107	306533	48.358	ng		93
18) Hexachloroethane	7.23	117	147401	43.936	ng		95
19) n-Nitroso-di-n-propylamine	7.15	70	260604	50.759	ng		98
20) 3+4-Methylphenols	7.16	107	402208	51.791	ng	#	86
22) Acetophenone	7.14	105	513030	47.382	ng	#	95
24) Nitrobenzene	7.32	77	397106	45.308	ng		98
25) Isophorone	7.55	82	711527	46.226	ng		98
26) 2-Nitrophenol	7.63	139	212271	45.710	ng		94
27) 2,4-Dimethylphenol	7.67	122	326274	51.768	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	434420	43.360	ng		100
29) 2,4-Dichlorophenol	7.88	162	336980	45.417	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	363350	41.304	ng		99
31) Naphthalene	8.03	128	1086310	44.760	ng		98
32) Benzoic acid	7.85	122	173233	39.107	ng		99
33) 4-Chloroaniline	8.09	127	277062	26.542	ng		98
34) Hexachlorobutadiene	8.15	225	219631	40.081	ng		98
35) Caprolactam	8.47	113	104573m	45.773	ng		
36) 4-Chloro-3-methylphenol	8.59	107	358507	47.743	ng		97
37) 2-Methylnaphthalene	8.72	142	750070	45.925	ng		99
38) 1-Methylnaphthalene	8.82	142	705466	45.929	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	376103	41.866	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	135116	45.862	ng		99
43) 2,4,6-Trichlorophenol	9.02	196	234375	41.314	ng		100
44) 2,4,5-Trichlorophenol	9.06	196	243598	40.920	ng		98
46) 1,1'-Biphenyl	9.19	154	907318	42.133	ng		98
47) 2-Chloronaphthalene	9.21	162	728023	41.952	ng		99
48) 2-Nitroaniline	9.32	65	213305	44.069	ng		96
49) Acenaphthylene	9.63	152	1102929	44.005	ng		99
50) Dimethylphthalate	9.49	163	882637	43.320	ng		98
51) 2,6-Dinitrotoluene	9.56	165	200936	44.389	ng	#	80
52) Acenaphthene	9.80	154	655227	43.355	ng		99
53) 3-Nitroaniline	9.73	138	143528	28.600	ng		93
54) 2,4-Dinitrophenol	9.86	184	151143	69.755	ng		95
55) Dibenzofuran	9.97	168	968587	42.938	ng		99
56) 4-Nitrophenol	9.92	139	169988	56.378	ng		90
57) 2,4-Dinitrotoluene	9.97	165	249549	42.531	ng		93
58) Fluorene	10.31	166	788298	44.972	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	218624	43.523	ng		97
60) Diethylphthalate	10.19	149	862660	44.928	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	409451	44.131	ng		99
62) 4-Nitroaniline	10.35	138	175774	34.235	ng		95
63) Azobenzene	10.46	77	769666	46.117	ng		97
65) 4,6-Dinitro-2-methylphenol	10.39	198	132919	44.316	ng		90
66) n-Nitrosodiphenylamine	10.43	169	718853	44.292	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	270801	41.797	ng		96
68) Hexachlorobenzene	10.87	284	313683	41.993	ng		97
69) Atrazine	10.96	200	256306	45.199	ng		98
70) Pentachlorophenol	11.07	266	209524	69.630	ng		99
71) Phenanthrene	11.27	178	1167797	43.202	ng		99
72) Anthracene	11.33	178	1209422	44.779	ng		98
73) Carbazole	11.48	167	1043099	43.351	ng		98
74) Di-n-butylphthalate	11.80	149	1307289	44.864	ng		99
75) Fluoranthene	12.46	202	1234611	43.028	ng		99
77) Benzidine	12.58	184	327454	24.718	ng		99
78) Pyrene	12.69	202	1217702	46.554	ng		99
80) Butylbenzylphthalate	13.30	149	520172	47.251	ng		98
81) Benzo(a)anthracene	13.88	228	1002222	45.155	ng		98
82) 3,3'-Dichlorobenzidine	13.83	252	284850	33.051	ng		99
83) Chrysene	13.92	228	960372	43.425	ng		98
84) Bis(2-ethylhexyl)phthalate	13.86	149	701178	50.416	ng		100
85) Di-n-octyl phthalate	14.46	149	1039218	46.897	ng		99
86) Indeno(1,2,3-cd)pyrene	16.73	276	800817	37.397	ng		99
88) Benzo(b)fluoranthene	14.91	252	828428	50.363	ng		98
89) Benzo(k)fluoranthene	14.93	252	777757	51.022	ng		100
90) Benzo(a)pyrene	15.26	252	700445	47.182	ng		98
91) Dibenzo(a,h)anthracene	16.73	278	679466	52.017	ng		99
92) Benzo(g,h,i)perylene	17.14	276	678676	52.585	ng		99

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

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