Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101719\
Data File : BF117424.D
Acq On : 17 Oct 2019 16:10
Operator : JU
Sample : PB124065BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB124065BS

Manual Integrations APPROVED
mohammad
10/20/2019 8:11:44 PM

Quant Time: Oct 18 04:48:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 19:03:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	41657	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	173999	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	90739	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	148232	20.00	ng		0.00
76) Chrysene-d12	13.96	240	105226	20.00	ng		0.00
87) Perylene-d12	15.42	264	91375	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	328416	121.30	ng		0.01
7) Phenol-d6	6.44	99	423561	117.91	ng		0.00
23) Nitrobenzene-d5	7.36	82	220167	64.14	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	87813	118.91	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	395451	63.54	ng		0.00
79) Terphenyl-d14	12.90	244	401775	62.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	49066	44.023	ng		97
3) Pyridine	3.36	79	108647	38.304	ng		98
4) n-Nitrosodimethylamine	3.29	42	44596	44.616	ng		84
6) Aniline	6.46	93	146497	32.646	ng		93
8) 2-Chlorophenol	6.58	128	130412	43.326	ng		93
9) Benzaldehyde	6.35	77	85169	52.033	ng		94
10) Phenol	6.45	94	163822	42.243	ng		95
11) bis(2-Chloroethyl)ether	6.53	93	119238	40.441	ng		99
12) 1,3-Dichlorobenzene	6.73	146	138307	41.088	ng		97
13) 1,4-Dichlorobenzene	6.81	146	142229	41.450	ng		98
14) 1,2-Dichlorobenzene	6.96	146	133802	41.284	ng		98
15) Benzyl Alcohol	6.95	79	115914	42.177	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	123171	39.784	ng		73
17) 2-Methylphenol	7.06	107	105241	41.881	ng		96
18) Hexachloroethane	7.30	117	53819	40.341	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	97786	42.694	ng		95
20) 3+4-Methylphenols	7.21	107	141375	43.694	ng	#	79
22) Acetophenone	7.20	105	193507	42.381	ng		97
24) Nitrobenzene	7.37	77	142763	41.519	ng		99
25) Isophorone	7.62	82	258282	42.240	ng		98
26) 2-Nitrophenol	7.69	139	67127	44.001	ng		94
27) 2,4-Dimethylphenol	7.73	122	112721	48.616	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	154333	40.714	ng		96
29) 2,4-Dichlorophenol	7.95	162	103822	43.397	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	105953	41.082	ng		99
31) Naphthalene	8.09	128	377507	43.444	ng		99
32) Benzoic acid	7.89	122	53184	35.974	ng		97
33) 4-Chloroaniline	8.15	127	89371	24.218	ng		99
34) Hexachlorobutadiene	8.21	225	59773	40.466	ng		98
35) Caprolactam	8.52	113	34105m	45.522	ng		
36) 4-Chloro-3-methylphenol	8.65	107	119708	43.974	ng		93
37) 2-Methylnaphthalene	8.79	142	260813	44.449	ng		98
38) 1-Methylnaphthalene	8.89	142	243573	44.058	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	99595	40.783	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	49081	107.628	ng		90
43) 2,4,6-Trichlorophenol	9.07	196	62612	40.513	ng		94
44) 2,4,5-Trichlorophenol	9.12	196	64980	41.220	ng	#	91
46) 1,1'-Biphenyl	9.25	154	303041	40.881	ng		97
47) 2-Chloronaphthalene	9.27	162	230775	39.936	ng		97
48) 2-Nitroaniline	9.38	65	75118	40.742	ng		96
49) Acenaphthylene	9.69	152	364680	43.049	ng		99
50) Dimethylphthalate	9.55	163	266962	40.966	ng		99
51) 2,6-Dinitrotoluene	9.62	165	59721	43.600	ng		90
52) Acenaphthene	9.86	154	211465	41.081	ng		98
53) 3-Nitroaniline	9.79	138	42691	25.523	ng		95
54) 2,4-Dinitrophenol	9.92	184	42361	72.668	ng		96
55) Dibenzofuran	10.03	168	320049	42.622	ng		100
56) 4-Nitrophenol	9.97	139	51883	69.505	ng		84
57) 2,4-Dinitrotoluene	10.03	165	78426	43.393	ng		98
58) Fluorene	10.37	166	262182	41.934	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	50791	41.677	ng		97
60) Diethylphthalate	10.25	149	271323	41.305	ng		99
61) 4-Chlorophenyl-phenylether	10.36	204	114591	41.397	ng		89
62) 4-Nitroaniline	10.41	138	60863	38.279	ng		94
63) Azobenzene	10.53	77	286903	42.567	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	33031	42.410	ng		97
66) n-Nitrosodiphenylamine	10.49	169	228852	41.328	ng		97
67) 4-Bromophenyl-phenylether	10.85	248	63300	38.933	ng		93
68) Hexachlorobenzene	10.93	284	67234	38.506	ng	#	90
69) Atrazine	11.02	200	69343	77.226	ng		99
70) Pentachlorophenol	11.13	266	45728	87.540	ng	#	87
71) Phenanthrene	11.34	178	362580	41.378	ng		99
72) Anthracene	11.39	178	384231	42.476	ng		100
73) Carbazole	11.55	167	356397	43.374	ng		99
74) Di-n-butylphthalate	11.87	149	442135	39.737	ng		99
75) Fluoranthene	12.53	202	377695	43.348	ng		98
77) Benzidine	12.65	184	193321	74.284	ng		98
78) Pyrene	12.76	202	379454	40.796	ng		99
80) Butylbenzylphthalate	13.36	149	185319	39.622	ng		95
81) Benzo(a)anthracene	13.95	228	309484	42.865	ng		100
82) 3,3'-Dichlorobenzidine	13.91	252	67765	29.686	ng		98
83) Chrysene	13.99	228	306706	43.076	ng		99
84) Bis(2-ethylhexyl)phthalate	13.92	149	256948	38.963	ng	#	97
85) Di-n-octyl phthalate	14.53	149	421016	41.934	ng		100
86) Indeno(1,2,3-cd)pyrene	16.87	276	196465	39.462	ng		97
88) Benzo(b)fluoranthene	14.99	252	228518	40.172	ng		98
89) Benzo(k)fluoranthene	15.02	252	255799	45.248	ng		99
90) Benzo(a)pyrene	15.36	252	206780	41.050	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	166620	38.602	ng		96
92) Benzo(g,h,i)perylene	17.30	276	157290	38.282	ng		97

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

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