Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102219\
Data File : BF117474.D
Acq On : 22 Oct 2019 13:19
Operator : JU
Sample : PB124054BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB124054BS

Manual Integrations APPROVED
mohammad
10/23/2019 8:05:55 AM

Quant Time: Oct 22 14:55:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	45816	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	201229	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	106709	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	176057	20.00	ng		0.00
76) Chrysene-d12	13.90	240	120344	20.00	ng		0.00
87) Perylene-d12	15.33	264	97940	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	370760	120.39	ng		0.02
7) Phenol-d6	6.39	99	488926	118.20	ng		0.00
23) Nitrobenzene-d5	7.30	82	258582	63.44	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	109533	118.63	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	480166	63.40	ng		0.00
79) Terphenyl-d14	12.83	244	469512	63.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	51944	40.118	ng	#	96
3) Pyridine	3.26	79	120607	38.050	ng		99
4) n-Nitrosodimethylamine	3.20	42	52737	45.862	ng		94
6) Aniline	6.40	93	169632	34.932	ng	#	21
8) 2-Chlorophenol	6.53	128	150854	46.421	ng		96
9) Benzaldehyde	6.29	77	95432	50.675	ng		93
10) Phenol	6.40	94	188852	44.734	ng		94
11) bis(2-Chloroethyl)ether	6.47	93	139166	44.567	ng		99
12) 1,3-Dichlorobenzene	6.67	146	150255	41.433	ng		98
13) 1,4-Dichlorobenzene	6.75	146	157157	42.719	ng		96
14) 1,2-Dichlorobenzene	6.90	146	149081	42.991	ng		97
15) Benzyl Alcohol	6.89	79	136639	46.237	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	142635	42.343	ng		70
17) 2-Methylphenol	7.00	107	121042	45.278	ng		93
18) Hexachloroethane	7.24	117	60645	42.234	ng		93
19) n-Nitroso-di-n-propylamine	7.15	70	116249	46.019	ng		97
20) 3+4-Methylphenols	7.16	107	166512	47.507	ng	#	78
22) Acetophenone	7.15	105	223686	41.862	ng	#	95
24) Nitrobenzene	7.32	77	172731	44.244	ng		97
25) Isophorone	7.56	82	318324	45.144	ng		99
26) 2-Nitrophenol	7.64	139	81246	46.660	ng		96
27) 2,4-Dimethylphenol	7.68	122	135424	52.042	ng		97
28) bis(2-Chloroethoxy)methane	7.77	93	191332	43.974	ng		99
29) 2,4-Dichlorophenol	7.89	162	125179	45.863	ng		100
30) 1,2,4-Trichlorobenzene	7.96	180	122777	41.917	ng		97
31) Naphthalene	8.04	128	435153	43.628	ng		99
32) Benzoic acid	7.84	122	77413	43.433	ng		97
33) 4-Chloroaniline	8.09	127	112845	26.807	ng		98
34) Hexachlorobutadiene	8.16	225	68228	40.245	ng		99
35) Caprolactam	8.47	113	39125m	44.622	ng		
36) 4-Chloro-3-methylphenol	8.59	107	147510	47.388	ng		98
37) 2-Methylnaphthalene	8.73	142	301636	44.880	ng		99
38) 1-Methylnaphthalene	8.83	142	285278	45.171	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	117187	40.774	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	67376	84.115	ng		97
43) 2,4,6-Trichlorophenol	9.02	196	77490	43.054	ng		99
44) 2,4,5-Trichlorophenol	9.06	196	85016	46.614	ng		97
46) 1,1'-Biphenyl	9.19	154	360958	40.860	ng		99
47) 2-Chloronaphthalene	9.22	162	276116	41.454	ng		100
48) 2-Nitroaniline	9.32	65	89756	41.049	ng		96
49) Acenaphthylene	9.63	152	436403	44.606	ng		99
50) Dimethylphthalate	9.49	163	332285	43.680	ng		99
51) 2,6-Dinitrotoluene	9.56	165	70358	44.322	ng		89
52) Acenaphthene	9.80	154	257385	42.880	ng		99
53) 3-Nitroaniline	9.73	138	53848	27.957	ng		98
54) 2,4-Dinitrophenol	9.86	184	50523	77.105	ng		97
55) Dibenzofuran	9.97	168	384234	44.183	ng		98
56) 4-Nitrophenol	9.92	139	75449	84.836	ng		98
57) 2,4-Dinitrotoluene	9.97	165	95959	45.467	ng		94
58) Fluorene	10.32	166	311562	43.323	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	64080	44.704	ng		98
60) Diethylphthalate	10.19	149	338264	43.962	ng		98
61) 4-Chlorophenyl-phenylether	10.30	204	140948	43.684	ng		99
62) 4-Nitroaniline	10.36	138	72409	39.885	ng		98
63) Azobenzene	10.47	77	359397	45.628	ng		99
65) 4,6-Dinitro-2-methylphenol	10.39	198	38246	42.727	ng		96
66) n-Nitrosodiphenylamine	10.43	169	278571	43.281	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	79443	41.893	ng		96
68) Hexachlorobenzene	10.87	284	83023	40.880	ng	#	87
69) Atrazine	10.96	200	86889	53.060	ng		96
70) Pentachlorophenol	11.07	266	65833	108.132	ng		97
71) Phenanthrene	11.28	178	438270	42.871	ng		98
72) Anthracene	11.33	178	454131	43.294	ng		99
73) Carbazole	11.49	167	406648	42.421	ng		100
74) Di-n-butylphthalate	11.81	149	559747	43.701	ng		99
75) Fluoranthene	12.47	202	437100	42.711	ng		98
77) Benzidine	12.59	184	189488	70.498	ng		100
78) Pyrene	12.70	202	439904	42.557	ng		99
80) Butylbenzylphthalate	13.30	149	220543	42.875	ng		98
81) Benzo(a)anthracene	13.89	228	339916	41.874	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	88694	34.819	ng		97
83) Chrysene	13.93	228	334624	42.060	ng		99
84) Bis(2-ethylhexyl)phthalate	13.87	149	324340	45.012	ng		97
85) Di-n-octyl phthalate	14.48	149	525964	47.476	ng		99
86) Indeno(1,2,3-cd)pyrene	16.74	276	229629	38.659	ng		99
88) Benzo(b)fluoranthene	14.92	252	257804	44.576	ng		98
89) Benzo(k)fluoranthene	14.95	252	277887	46.879	ng		98
90) Benzo(a)pyrene	15.27	252	228426	43.441	ng		99
91) Dibenzo(a,h)anthracene	16.74	278	198689	43.699	ng		98
92) Benzo(g,h,i)perylene	17.16	276	186989	43.465	ng		99

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

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